

TREASURY DEPARTMENT

Public Health and Marine-Hospital Service of the United States

WALTER WYMAN, Surgeon-General

HYGIENIC LABORATORY.—BULLETIN No. 37

M. J. ROSENAU, Director

June, 1908

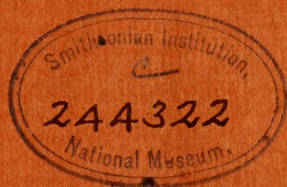
INDEX-CATALOGUE OF
MEDICAL AND VETERINARY ZOOLOGYSUBJECTS:
TREMATODA AND TREMATODE DISEASES

BY

CH. WARDELL STILES

AND

ALBERT HASSALL

WASHINGTON
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WALTER WYMAN, *Surgeon-General*,
United States Public Health and Marine-Hospital Service.

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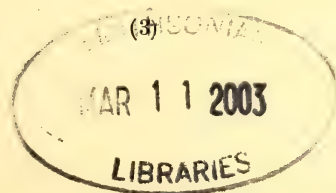
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CONTENTS.

	Page
Introduction.....	7
List of specific names.....	10
Bibliography of diseases, supergeneric, generic, and specific names	84
Addenda.....	385
Notice to Librarians and bibliographers concerning the serial publications of this laboratory	399

INDEX-CATALOGUE OF MEDICAL AND VETERINARY ZOOLOGY.

SUBJECTS: TREMATODA AND TREMATODE DISEASES.

By CH. WARDELL STILES, Ph. D.,

Chief of Division of Zoology, Hygienic Laboratory, U. S. Public Health and Marine-Hospital Service, Consulting Zoologist, U. S. Bureau of Animal Industry,
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ALBERT HASSALL, M. R. C. V. S.,

Assistant, Division of Zoology, U. S. Bureau of Animal Industry,

Collaborators: O. B. Clevenger, P. E. Garrison, J. Goldberger, H. W. Graybill, M. G. Motter, C. Myers, B. and E. Oberly, C. A. Pfender, B. H. Ramson, E. and A. Stevenson, D. G. Willets.

INTRODUCTION.

The Index-Catalogue of Medical and Veterinary Zoology represents the combined card-catalogues of the Zoological Division of the United States Bureau of Animal Industry and of the Zoological Division, Hygienic Laboratory, United States Public Health and Marine-Hospital Service. These catalogues are arranged in three sections: Authors, Subjects, and Hosts.

OBJECT OF INDEX CATALOGUE.—The object in publishing the catalogue is to place it in permanent form. There have been four fires in the two laboratory buildings, but fortunately none of these gained headway. Were either building to be destroyed, and any part of the catalogue to be lost, the inconvenience such loss would entail in the regular work would be very extensive. By having the catalogue in printed form, it is made more accessible, and accidents are guarded against. By placing it at the disposal of other workers it is hoped to render their work less arduous, and especially it is desired to reduce the confusion in nomenclature.

SUGGESTIONS FOR USING THE INDEX.—It should be recalled that this is an index, not a treatise. Persons who consult it should therefore not expect to find in it the reasons for any given entry. Nor

does the entry of the synonymy in any given case mean that this synonymy is necessarily correct; it is simply quoting published synonymy. The same statement refers to the hosts cited.

In looking up the literature of any given species, the reader should consult the cross reference (pp. 10 to 83) for the various genera under which the species has been published, and the synonyms given in the general entries; by looking up these references in the general catalogue (pp. 84 to 383), all or practically all the references to the species are obtained.

SUGGESTIONS IN PUBLISHING NEW NAMES.—In indexing literature, one is impressed with the differences in arrangement of the material as published by different authors. Some writers arrange the systematic portions of their papers in such a manner that it is an easy matter to obtain the important data. Other authors are less careful in this respect, and their material is arranged, in some cases, in a style which almost defies indexing.

As a very convenient style we would suggest the following diagrams:

Genus FASCIOLA Linnæus, 1758.

1758: *Fasciola* Linn., 1758a, 644, 648–649 (*hepatica* [give here either the type species or all of the species in the order given by the author]). [Give origin of name, if desired.]

[Give here the synonymy in same style as foregoing entry.]

GENERIC DIAGNOSIS.—*Fasciolidæ*, *Fasciolinæ* [It is always very useful to give the name of the family and subfamily]: [Here give the generic diagnosis.]

TYPE SPECIES.—[If type has not been designated, state why the species in question is now selected; as by first species rule, tautonomy, elimination, etc.]

Species FASCIOLA HEPATICA Linnæus, 1758.

1758: *Fasciola hepatica* Linn., 1758a, 648–649 [add here type host and type locality].

[Add synonymy here, in same style as foregoing entry.]

SPECIFIC DIAGNOSIS.—*Fasciola* (p. —) [give page where generic diagnosis is printed]:

[Add here specific diagnosis.]

HABITAT.—[Give hosts and geographic distribution here.]

TYPE SPECIMEN.—[Give museum number of type specimen.]

A list of hosts, together with the parasites found in them, is an exceedingly useful adjunct to any paper dealing with parasites. Several authors have published such lists, but most authors fail to do so. If the plan of giving a compendium of hosts with every paper were more generally adopted, the papers would be very much more valuable. In indexing the hosts, especially in papers by certain authors, we have met with considerable difficulty, for it is often necessary to read carefully an entire article in order to avoid overlooking the hosts. And even then it is, unfortunately, not exceptional that the reader can not be certain that he is indexing correctly.

ABBREVIATIONS.

As a general rule we do not favor the use of abbreviations. In a work of this kind, however, in which certain names are repeated from 50 to 2,000 times, the use of abbreviations becomes necessary, in order to reduce both the bulk and the expense.

GENERIC NAMES.—The general rule is here followed of abbreviating all generic names ending in *-stoma* or *-stomum* to *-st*, as *Amphist.* for *Amphistoma* and *Amphistomum*, *Dist.* for *Distoma* and *Distomum*, etc.

All names ending in *-cercaria* are abbreviated to *-cerc.*, as *Cerc.* for *Cercaria*, *Eucerc.* for *Eucercaria*, etc.

All other abbreviations can, we believe, be understood without explanation—*Fasc.* for *Fasciola*, *Plan.* for *Planaria*, etc.

AUTHORS' NAMES.—The following abbreviations refer to authors' names:

Abildg. for Abildgaard.	Leuck. for Leuckart.
Ben. for Beneden.	Levin. for Levinsen.
Bettend. for Bettendorf.	Linn. for Linnæus.
E. Bl. for E. Blanchard.	Linst. for Linstow.
R. Bl. for R. Blanchard.	Lint. for Linton.
Blainv. for Blainville.	Lœnnb. for Lœnnberg.
Brand. for Brandes.	Mol. for Molin.
Burm. for Burmeister.	Mont. for Monticelli.
Cerf. for Cerfontaine.	Moul. for Moulinié.
Crep. for Creplin.	Mueh. for Muehling.
Cuv. for Cuvier.	Nord. for Nordmann.
Dav. for Davaine.	Odh. for Odhner.
Dies. for Diesing.	Olss. for Olsson.
Duj. for Dujardin.	Pag. for Pagenstecher.
Erc. for Ercolani.	Par. for Parona.
Fil. for Filippi.	Per. for Perugia.
Fischder. for Fischœder.	Perr. for Perroncito.
Fraip. for Fraipont.	Poir. for Poirier.
Gamb. for Gamble.	St.-Remy for Saint-Remy.
Gerv. for Gervais.	Sieb. for Siebold.
Goldb. for Goldberg.	Sons. for Sonsino.
Hass. for Hassall.	Staff. for Stafford.
Jægers. for Jægerskiöld.	Stoss. for Stossich.
Kath. for Kathariner.	Rail. for Railliet.
Kholodk. for Kholodkowski.	Rud. for Rudolphi.
Kowal. for Kowalewski.	Tasch. for Taschenberg.
Kuech. for Kuechenmeister.	Will.-Suhm for Willemoes-Suhm.

OTHER ABBREVIATIONS.—All literature references are taken from the Author's Catalogue of this Index (Bull. 39, U. S. Bureau of Animal Industry). The following common abbreviations are also used:

f. for family.	tld. for type by later designation.
g. for genus.	tod. for type by original designation.
m. for monotypical.	subf. for subfamily.
t. h. for type host.	subg. for subgenus.
t. l. for type locality.	

ALPHABETICAL LIST OF SPECIFIC AND SUBSPECIFIC NAMES IN TREMATODA.

The following is a complete list of all the specific and subspecific names of *Trematoda*, so far as contained in our card catalogue at date of going to press, together with the generic names with which they have been used. The references are the earliest reference we have found for the names in question, together with the type host and type locality, so far as we have as yet traced these.

It has been found necessary to include in this list some species which are not *Trematoda*. (See addenda, p. 385.)

- abbreviata* Olss., 1876, 12, t. h. *Acanthias vulgaris*.—1876: *Onchocotyle*. 1899: *Squalonchocotyle*.
- abbreviatum* Brand., 1888a, 55, t. h. *Crocodilus*; Brazil.—1888: *Diplost*.
- abdominalis* Goeze, 1782a, 41, *F. intestinalis* Linn., 1758a, renamed, includes also *Ligula piscium*.—1782: Fasc. [*Ligula*, cestode.]
- aberrans* Goto, 1894a, 198, t. h. *Belone schismatorhynchus*; Hagi, Japan.—1894: *Axine*.
- aberrans* Looss, 1902m, 630, t. h. *Chelone mydas*; Egyptian coast.—1902: *Microscaphidium*.
- absconditus* Looss, 1901e, 631, t. h. *Bagrus bayad*, *B. docmac*.—1901: *Acanthochasmus*.
- acalepharum* Costa (1864), 90, larva in *Acalephen*.—1864: *Macrurochæta* (type) [1894: *Cerc. setifera*.]
- acanthocephalum* Stoss., 1887, 94, t. h. *Belone acus*; Trieste.—1887: *Dist.* 1898: *Echinost.* 1899: *Tergestia* (probably type)
- acanthoides* Rud., 1819a, 114, t. h. *Phoca vitulina*; Berlin.—1819: *Dist.* (*Echinost.*). 1860: *Echinost.*
- acanthurum* Par. & Per., 1896, 2, t. h. *Brama rayi*; Genova.—1896: *Microcotyle*.
- acanthus* Nicoll, 1906, 514, t. h. *Larus argentatus*.—1906: *Zeugorchis*, type. 1907: *Parorchis*, type.
- acarizum* Looss, 1902m, 415, t. h. *Thalassochelys corticata*; Egyptian coast.—1902: *Enodiotrema*.
- acceptum* Looss, 1901b, 203, t. h. *Crenilabrus pavo*, *C. griseus*, bladder; Trieste.—1901: *Phyllodist.*
- acerca* Biehringer, 1884a, 3, t. h. *Onchidium carpenteri* Stearns.—1884: *Cerc.*
- acerina cernuæ* Claparède (1857), t. h. *Acerina cernua*.—1857: *Tetracotyle*.
- acervocalcaphorum* Erc., 1881e, 21, for *acervocalciferum* (*Dist.*).
- acervocalciferum* Gastaldi, 1854, 6, t. h. *Rana esculenta*.—1854: *Dist.*
- acervocalcoforum* Linst., 1875, 193, for *acervocalciferum* (*Dist.*).
- acervocalcophorum* Erc., 1881e, 20, for *acervocalciferum* (*Dist.*).
- acetabularis* Braun, 1900, 388, for *acetabulatus* (*Pycnopus*).
- acetabulatus* Looss, 1899b, 611, t. h. *Vesperugo kuhli*; apparently Egypt, January.—1899: *Pycnopus*.
- acquans* Sons., 1891, 263, for *æquans* (*Diplectanum*).
- acreatum* Stoss., 1892, 18, for *ocreatum* (*Monost.*).
- actæonis* Pag., 1862, 306, t. h. *Acteon viridis*; Cete.—1862: *Dist.*
- aculeata* Erc., 1881, see Par., 1894, 163, t. h. *Lymnæa auricularis*; Bologna.—*Cerc.*

- aculeatum* Nitzsch, in Giebel, 1857, 266, t. h. *Strix bubo*.—1857: Dist.
- aculeatum* Linst., 1879b, 338, t. h. *Testudo græca*; loc. not given.—1879: Monost. [1890: Dist. linstowii.] 1901: Telorchis.
- aculeatum* Par. & Per., 1889, 745, t. h. *Corvina nigra*; Genova.—1889: Diplectanum.
- aculeatum* Couch, —.—: Trist. [1898: T. molæ.]
- aculeatus* Odhn., 1905, 297, t. h. *Conger vulgaris*; Mediterranean, Belgium, Sweden.—1905: Prosorhynchus.
- aculeatus* Dies., 1858, 275, t. h. *Planorbis marginatus*.—1858: Bucephalus (*Bucephalopsis*).
- acuta* Goto, 1894a, 217, t. h. *Thynnus sibi*; Hagi, Osatsubé, Japan, August.—1894: Hexacotyle.
- acutum* Leuck., 1842, 33, t. h. *Mustela putorius*.—1842: Dist.
- adherens* Braun, 1901, 942, t. h. *Mycothera* sp.; Brazil.—1901: Glaphyrost. (type).
- adherens* Looss, 1901, 624 (= vallei 1899, type of *Lophotaspis*), t. h. *Thalassochelys corticata*; Egypt.—1901: *Lophotaspis* (type).
- adolphi* Stoss., 1902, 19, t. h. *Grus cinerea*, *Ardea cinerea*; Siberia.—1902: Cyclocelum. [*adriaticum* v. Dr. (Dist. [tunicate].)]
- aduncum* Lint., 1905, 327, t. h. *Opsanus tau*; Beaufort, N. C.—1905: Dist.
- advena* Duj., 1843, 338, t. h. *Sorex*; Europe.—1843: *Brachylaima* (type). [1845: Dist. (*Brachylaimus*, type).] [1847: *Brachylæmus*.] 1892: Dist. [*Brachylaimus* (type).]
- æglefini* Mueller, 1776, 224, t. h. *Gadus æglefinus*, int.—1776: Fasc. 1803: Dist. [1850: Dist. simplex.] [1904: *Sinistroporus* (type).]
- æglefini* Ben., 1870, 57 [see also *æglefini* Mueller, 1776].—1870: Dist.
- æglefini* Bosc., 1802a, v. 1, for *æglefini* 1776 (Fasc.).
- ægyptiaca* Odhn., 1905, 370, Monost. verrucosum of Looss, renamed.—1905: Notocotyle.
- ægyptiacum* Cobbold, 1876t, 757, t. h. *Equus*; Egypt.—1876: Diplost. 1876: Hemist. 1893: *Gastrodiscus*.
- ægypticum* Looss, 1896b, 33, t. h. buffles, bœufs, moutons; Egypt.—1896: Dist. 1896: Dist. hepaticum. 1898: Fasc. hepatica. 1899: Fasc. [1902: F. gigantea.]
- ægyptiaca* Cobbold, 1866, 6, heterophyes 1852, renamed.—1866: *Heterophyes* (type).
- ægyptiacus* Looss, 1898a, 459, apparently lapsus for gregarius.—1898: *Gastrothylax*.
- æquale* Duj., 1845a, 410, t. h. *Strix flammea*; Rennes.—1845: Dist. (*Brachylaimus*). 1892: *Mesogonimus*. [1899: *Clinost.* ("possibly").]
- æqualis* Looss, 1902, 888, t. h. dogs and cats; Egypt.—1902: *Heterophyes*.
- æquans* Wagener, 1857, 99, t. h. *Labrax lupus*.—1857: *Dactylogyrus*. 1858: *Diplectanum* (probably type).
- æquans* Looss, 1899b, 652, t. h. *Gerbillus ægyptius*; Egypt.—1899: *Heterolope*. 1900: Harmost.
- æquatus* Staff., 1905, 691, t. h. *Eutenia sirtalis*; Canada.—1905: *Zeugorchis* (type).
- affine* Dies., 1850a, 410, based on Schmitz, 1826, 15, figs. 1–13, t. h. *Bombinator igneus*; Berlin.—1850: *Hexathyridium*.
- affine* Dies., 1850a, 359 [not Rud., 1819a], Monost. tenuicolle Rud., 1819a, renamed, t. h. *Lampris guttatus*; Groningæ.—1850: Dist.
- affine* Leidy, 1858a, 110, t. h. *Fiber zibethicus*; U. S. A.—1858: Monost.
- affine* Rud., 1819a, 110, t. h. *Perca cirrosa*; Arimini.—1819: Dist. 1845: Dist. (*Apo-plema*). 1901: *Derogenes*.
- affine* Lint., 1898, 511, t. h. *Paralichthys dentatus*; Woods Hole.—1898: *Octoplectanum*. 1901: *Dididophora*.
- affinis* Eichwald, 1829a, 247, t. h. *Lymnæus stagnalis*.—1829: Cerc.
- affixus* Looss, 1899b, 587, t. h. *Corvus cornix*, *Falco tinnunculus*, *Circus æruginosus*, *Recurvirostra avocetta*; Egypt.—1899: *Pygorchis* (type).
- africanum* Stiles, 1901, 594, bursicola Looss, 1899 [not Crep., 1837], renamed.—1901: Echinost.
- africanum* Stoss. in Galli-Valerio, 1906, 49, t. h. a fish; French Congo.—1906: *Clinost.*
- agamos* Linst., 1872, 1, t. h. *Gammarus pulex* L.—1872: Dist.
- agassizi* Goto, 1899a, 286, t. h. *Remora brachyptera*; Newport, R. I.—1899: *Dionchus* (type).

- agassizii* Mont., 1905, 69, for *agassizi* (Dionchus).
- agilis* Fil., 1857c, 4, t. h. *Lymnaeus stagnalis*; Turin.—1857: Cerc. 1858: C. (*Gymnocephala*).
- agilis* Leidy, 1858a, 110, free in Delaware River.—1859: Cerc.
- alacre* Looss, 1901, 401, t. h. *Labrus maculatus*, L. *merula*, *Crenilabrus pavo*, C. *quinquemaculatus*, C. *griseus*.—1901: Dist.
- alata* Goeze, 1782a, 176, t. h. *Canis vulpes*; Germany.—1782: Plan. [1788: *Alaria vulpis*, type]. 1790: *Festuc.* 1793: Fasc. 1800: Dist. 1819: *Holost.* 1850: Hemist. (type). 1889: Emist. 1894: *Diplost.* (Hemist.). 1896: *Conchosomum* (type).
- alata* Hemp. & Ehrenb., 1828a, in water; Berlin.—1828: *Histrionella*. 1856: Cerc.
- alatus* Linst., 1878, 227, t. h. *Blicca bjerkna*; Europe.—1878: *Dactylogyrus*.
- alba* Erc., 1881e, 12, for Cerc. *brunnea* var. Dies.—1881: Cerc.
- alba* Cerf., 1899a, 377, t. h. *Raja alba*.—1899: *Rajonchocotyle*.
- albicollis* Rud., 1819a, 98, t. h. *Falco pennatus*; Mus. Vien.—1819: Dist. 1845: D. (*Dicrocoelium*). 1901: *Dicrocoelium*.
- albidum* Braun, 1893, 347, t. h. *Felis catus domestica*; Königsberg i. Pr.—1893: Dist. (*Dicrocoelium*). 1896: *Opisthorchis*. 1899: *Metorchis* (type).
- albidum* Brand., in Ofenheim, 1900, 145, t. h. *Aëtobatis narinari*; Pacific.—1900: *Anaporrhutum* (type).
- alboceruleum* Stoss., 1889, 28, t. h. *Sargus salviani*; Triest.—1889: Dist.
- album* Kuhl & van Hasselt, 1822a; 1824a, 311 t. h. *Chelonia midas*; Iles des Cocos.—1822: Monost. 1899: *Cricocephalus* (type).
- album* Stoss., 1890, 42, t. h. *Cantharus orbicularis*; Triest.—1890: Dist. [1899: ? *Creadium*.] 1904: *Lepocreadium* (type). 1901: *Allocreadium*.
- alcedinis* Par. & Per., 1890, 7, t. h. *Smaris alcedo*; Geneva.—1890: *Microcotyle*.
- allostomum* Dies., 1850a, 367, Dist. *colubri murorum* 1811 and 1819 renamed, t. h. *Tropidonotus natrix*; M. C. V.—1850: Dist.
- alosa* Hermann, 1782, 180, t. h. *Clupea alosa*.—1782: *Mazocraes* (type).
- alosa* Hermann, 1783a, 46, t. h. *Maifisch im Rhein*, *Clupea alosa*.—1783: Fasc. [1850: Dist. *appendiculatum*.]
- alosa* Leuck. (1828) [see *lanceolatum*].—*Octobothrium*. [1845: *O. lanceolatum*.]
- alosa* Mont., 1888, 13.—1888: *Ophycotyle*.
- alosa* Kuhn 1829, 358, t. h. *Clupea alosa*.—1829: *Octost.* (type). [1852: *Octobothrium lanceolatum*.]
- alosa* Mayer, 1841a, see *lanceolatus alosa*.
- alosa* Ben. & Hesse, 1863; 1864, 102, t. h. *Alosa vulgaris*.—1864: *Glossocotyle* (type). 1890: *Octobothrium* (*Glossocotyle*).
- aloyisia* Stoss., 1885, 161, t. h. *Corvina nigra*; Triest.—1885: Dist. 1886: D. (*Brachylaimus*). [1899: *Anoiktost.*, type.]
- alpina* Dana.—1891: Plan.
- atemon* Ben., 1870, 48, see *atomon* (Dist.).
- aluconis intestinale* Rud., 1819a, 119, t. h. *Strix aluco*.—1819: Dist. [1892: sub *Echinost. apiculatum*.]
- aluconis thoracicum* Rud., 1819a, 119 (Plan. *pusilla* Braun, 1790, pro parte renamed); t. h. *Strix aluco*.—1819: Dist.
- alveatum* Mehlis, in Crep., 1846, 142, t. h. *Anas*, *Cygnus*, see p. 323.—1845: Monost. 1892: *Notocotyle*.
- alveatum* Mehlis of Mueh., 1898, renamed *alveiforme* Cohn, 1904.
- alveiforme* Cohn, 1904, 230, *alveatum* Mehlis of Mueh., 1898, renamed.—1904: Monost.
- americana* Hass., 1891c, 359, t. h. *Bos taurus*; U. S. A.; *carnosa* Hass., 1891, renamed.—1891: Fasc. 1892: Dist. [Fasc. *magna*.]
- americanus* Staff., 1902, 719, t. h. *Rana virescens*; Ashbridge's Bay, Toronto.—1905: *Cephalogonimus*.
- americanum* Osborn, 1903, 252, t. h. *Amblystoma punctatum*; Minnesota.—1903: *Phyllodist.*
- amiuri* Staff., 1904, 402, t. h. *Amiurus nebulosus*; Canada.—1904: Monost.
- amphibothrium* Wagener, 1857, 57, t. h. *Acerina cernua*.—1857: *Dactylogyrus*.

- amphielucus* Looss, 1899b, 565, for *amphilucus* (Metorchis).
amphileucum Looss, 1896b, 55, t. h. *Naja haje*; Alexandria, Egypt.—1896: Dist. 1898: Opisthorchis. 1899: Metorchis.
amphiorchis Braun, 1899b, 719, t. h. *Thalassochelys corticata* at Trieste, *Chelone mydas* and *Podocnemis expansa*.—1899: Dist. 1899: Anadasmus (type). [1901: Orchidasma (type).] 1901: Orchidasma (type).
amphistoma Nord., 1840, 616, probably lapsus (D[istoma]).
amphistomi subclavati Ben., 1858a, 82, in *Cyclas cornea*, etc.—1858: Cerc. [1859: Diplo-discus subclavatus.]
amphistomoides Bojanus, 1817b, 270, t. h. *Castor fiber*.—1817: Dist. 1817: Dystoma. [1850: Amphist. subtriquetrum.] [1902: Cladorchis (Stichorchis) subtriquetrus.]
amplicava Looss, 1899b, 606, *D. cygnoides* var. *A.* of Bensley, 1897, renamed.—1899: Gorgodera.
ampullaceum Buttel-Reepen, 1900, 586, in Cetacean; Indian Ocean.—1900: Dist.
anarrichæ Jacoby, 1900, 13, for *anarrhichæ*.—1900: Dist.
anarrhichæ Rud., 1819a, 121; *anarrhichæ lupi* Rathke, pars (from intestine) renamed.—1819: Dist. [1819: ? *D. appendiculatum*.]
an[arrichæ] lup[i] Rathke, 1799, 70, t. h. *Anarrhichas lupus*.—1799: Dist. [1809: *D. incisum*.]
anastrophus Fischder., 1901, 375, t. h. *Cervus dichotomus*; Brazil.—1901: Balanorchis (type).
anatinus Markow, 1902, 1903a, 287, t. h. *Anas boschas dom.*—[1902: Prosthogonimus.] 1902: Prosthogonimus.
anatis Schrank, 1788, xvi, 164, t. h. ducks.—1788: Festucaria [type]. 1790: Fasc. 1800: Dist. [1815: Monostomeus, type.] [1850: Dist. echinatum.] [1892: Echinost. echinatum.] [1901: ? Echinost. echinatum.]
anatis Rud., 1819a, 793, for *anatis querquedula* (Amphist.).
anatis domestica Rud., 1809a, 431 (*Hirudo fasciolaris* Mueller, 1788, Fasc. *anatis* Brugière, 1791, renamed).—1809: Dist. [1850: Dist. ovatum.]
anatis fusæ Viborg, 1795, 243, t. h. *Anas fusca*; Copenhagen.—1795: Dist.
anatis nigræ Dies., 1858e, 322, t. h. *Anas nigra*.—1858: Holost.
anatis querquedula Rud., 1819a, 92, t. h. *Anas querquedula*; Cat. Ent. Vien.—1819: Amphist.
anatis tadornæ Viborg, 1795, 196, t. h. *Anas tadorna*.—1795: Strigea. 1809: Amphist. [1814: *A. isostomum*.] [1845: Holost. erraticum.]
anceolatum Braun, 1892a, 677, misprint for *lanceolatum* (Dist.).
anceps Mol., 1859, 845, t. h. *Fulica atra*; Padua.—1859: Dist. 1892: Echinost.
anceps Looss, 1899b, 629, t. h. *Machetes pugnax*; Marg, April.—1899: Prynoprion. 1901: Prosthogonimus. [1902: Pros. cuneatus.]
anchoratus Duj., 1845a, 480, t. h. “*la carpe*,” Europe.—1845: Gyrodactylus. 1857: Dactylogyrus. [1879: *D. auriculatus*.]
ancyli lacustris Dies., 1855a, 400, based on Baer, 1827b, 656, t. h. *Ancylus lacustris*.—1855: Dist. 1855: Cercariæum.
andersoni Cobbold, 1876, 46, t. h. *Platanista gangetica*.—1876: Dist. 1892: *D.* (Brachylaimus).
annelidicola Mont., 1888, 88, for *annelidicola* (Cyclatella).
anguillæ Gmelin, 1790a, 3056, t. h. *Anguilla*; refers to Leeuwenhoek, 316, fig. 6.—1790: Fasc. 1803: Dist. [1819: ? *D. polymorphum*.]
anguillulæ Dies., 1850a, 340, lapsus for *anguillæ* Abildg. and Zed.—1850: Dist.
anguis Linst., 1885, 250, t. h. *Anguis fragilis*.—1885: Dist. 1895: Agamodist.
angulata Mueller, 1774, 58, “in fundo arenoso oceani.”—1774: Fasc. 1776: Planaria. —: Amphiporus.
angulatum Duj., 1845a, 401 (not Fasc. *angulata* Mueller, 1776), t. h. *Anguilla*; Morbihan.—1845: Dist. (Podocotyle [type]). 1901: Podocotyle, type. [1905: see Podocotyle atomon.]
angusta Rail., 1895, 338, see *hepatica angusta*.—1895: Fasc. *hepatica*. 1899: Fasc. [F. *gigantica*.]
[angusta] Muenster, 1842, 98.—*Hirudinella*. *Hirudella*. Leach.]

- angusticolle* Hausmann, 1896a, 391, t. h. *Cottus gobio*; Basel, Switzerland.—1896: Dist. 1899: *Creadium*. 1901: *Allocreadium*.
- angustum* Staff., 1900, 407, t. h. *Chrysemys picta*.—1900: Dist. 1905: *Telorchis*.
- angustum* Schlotthauber, 1860, 129, t. h. *Scolopax gallinago*.—1860: *Monost*.
- aniarum* Leidy, 1891a, 414, t. h. *Tropidonotus sipedon*.—1891: *Dist*.
- annelidicola* Ben. & Hesse, 1863, 1864a, 82, t. h. ? *Clymene*.—1863: *Cyclatella* (type). [1869: *Loxosoma*.]
- annulatum* Dies., 1850a, 386, t. h. *Gymnotus electricus*; Brazil.—1850: *Dist*. 1860: *Echinost*. 1892: *Dist*. (*Echinost*).
- annulicauda* Bory, 1825b, 253.—1825: *Histrionella*.
- annuligerum* Nord., 1832, 53, t. h. *Flussbarsch*, *Perca fluviatilis*.—1832: *Dist*. 1886: *D*. (*Brachylaimus*).
- anodontæ* Osborn, 1898, 416, t. h. *Unio luteolus*, *Anodonta*; New York.—1898: *Platyaspis*. [1899: *Cotylaspis insignis*.]
- anonymum* Dies., 1858e, 341, based on Bellingham, 1844, 428, t. h. *Gadus æglefinus*, *G. euxinus*, *Merlangus carbonarius*, *M. vulgaris*; Ireland.—1858: *Dist*.
- anseris* Gmelin, 1790a, 3055; *Fasc. verrucosa* Frølich, 1789, renamed; t. h. *Anser domesticus*, *rectum*; Europe.—1790: *Fasc*. [1850: *Notocotyle seriale*.] [1861: *Monost. verrucosum*.] [1905: *Catatropis verrucosa*, type.]
- anthos* Braun, 1899b, 720, t. h. *Chelonie*; Yedo.—1899: *Dist*. 1901: *Calycodes* (type).
- anticum* Staff., 1905, Apr. 11, 693, t. h. *Vespertilio subtilis* Say; Canada.—1905: *Lecithodendrium*.
- apertum* Rud., 1819a, 108, t. h. *Apogon ruber* s. *Mullus imberbis*; Naples.—1819: *Dist*. 1845: *D*. (*Apoblema*).
- apiculata* Rud., 1803, 31; *D. stridulæ* Reich, 1801, renamed.—1803: *Fasc*. 1809: *Dist*. (*Echinost*). 1860: *Echinost*.
- apiculatum* Olss., 1869, 4, t. h. *Acanthias vulgaris*; Skagerrack.—1869: *Microbothrium* (type). 1890: *Pseudocotyle*.
- apodis* Packard, 1882, 142, in egg-sacks of *Apus*.—1882: *Dist*.
- apolaimum* Heymann, 1905, 91, t. h. *Kachuga tectum* (Gray) small int.—1905: *Dist*.
- appendiculata* Rud., 1802, 78, t. h. *Clupea alosa*, stomach; Europe.—1802: *Fasc*. 1808: *Dist*. [1809: *Hemiurus* (type).] 1845: *Dist*. (*Apoblema* [type]). 1847: *Apoblema*. 1896: *Hemiurus* (type).
- appendiculata* Frølich, 1802, 56 (not Rud., 1802) t. h. *Anas boschas*; Europe; see *papillatum* Rud., 1814a, 105, renamed *oxycephalum* Rud., 1819a, 98, 375.—1802: *Fasc*. [1814: *Dist. oxycephalum*.] [1850: *Dist. oxycephalum*.]
- appendiculata* Leidy, 1877, 202, t. h. *Helix arborea*.—1877: *Dist*. [1891: *D. centrapendiculatum*.]
- appendiculata* Kuhn, (1829c), 460, t. h. *Squalus catulus*.—1829: *Polyst*. 1840: *Hexabothrium* (type). 1850: *Onchocotyle* (type). 1879: *Hexathyridium*. 1890: *Octocotyle*. 1899: *Acanthonchocotyle* (type).
- apri* Gmelin, 1790a, 3054, see *hepatica apri*.—1790: *Fasc. hepatica*.
- aquilæ* Leidy, 1887, 24, t. h. *Haliaëtus leucocephalus*.—1887: *Dist*.
- arcantum* Nickerson, 1900, Oct., 811, in frogs.—1900: *Dist*. 1902: *Pleurogenes*. 1905: *Loxogenes* (type).
- arcticus* Odhn., 1905, 339, t. h. *Phoca barbata*; Spitzbergen.—1905: *Orthosplanchnus* (type).
- arcuata* Steenstrup, see Par., 1894, 164, t. h. *Lymnæa obscura*, *L. stagnalis*; Bologna.—*Cerc*.
- arcuata* Sons., 1890, 112, t. h. *Lichia amia*; Pisa.—1890: *Octocotyle*. 1890: *Octobothrium*. [1890: *Octocotyle striata*.]
- arcuatum* Brand., 1892b, 507, t. h. in aquatic birds [probably *Anas clangula*; Berlin].—1892: *Monost*. [1892: *Cyclocœlum*.] 1902: *Cyclocœlum*.
- arcuatum* Duj., 1845a, 410, t. h. *Corvus glandarius*; Rennes.—1845: *Dist*. (*Brachylaimus*).
- arcuatum* Lint., 1900, 277, t. h. *Sarda sarda*; Woods Hole.—1900: *Gasterost*.
- ardeæ* Gmelin, 1790a, 3055, t. h. *Ardea stellaris*, int.; Europe; *Planaria teres pars* Gœze, 1782a, renamed.—1790: *Fasc*. 1803: *Dist*. —: *Planaria*. [1850: *Dist. ferox*.]

- ardæ minutæ* Pontallié, 1853.—Dist. (Cladocalium).
- ardæ nigra* Viborg (1795), see Rud., 1809a, index.—1795: Dist. [1809: D. hians.]
- ardæ stellaris* Rud., 1809a, 432; Fasc. ardeæ Gmelin, 1790, renamed.—1809: Dist. [1850: D. ferox.]
- arenula* Crep., 1825a, 53, t. h. *Fulica atra*.—1825: Dist.
- areolatum* Rud., 1809a, 50, Fasc. platessæ Mueller, 1788, renamed; t. h. *Pleuronectes platessa*.—1809: Dist. 1886: D. (Echinost.).
- aristotelis* Stoss., 1892, 14, D. *chilostomum* Mehlis of Ben., 1873b, t. h. *Rhinolophus hipposcrepis*, *Vespertilio murinus*, V. *desyncneme*, V. *daubentonii*, V. *emarginatus*, V. *mystacinus*, *Nannugo pipistrellus*.—1892: Dist. 1892: D. (*Brachylaimus*).
- armata* Sieb., 1837, based on Wagner, 1834, 131.—1837: Cerc. 1855: Cerc. (*Xiphidiocerc.*). 1858: C. (*Acanthocephala*). [1858: Dist. *endolobum*.]
- armata* Rud., 1793a, 26; Fasc. *putorii* Gmelin, 1790a, renamed.—1793: Fasc. 1803: Dist. [1850: Dist. *trigonocephalum*.] [?1892: Echinost. *echinatum*.]
- armata minor* Ben., 1858, 98, t. h. *Lymnæus stagnalis*; Belgium.—1858: Cerc. [1859: Dist. *retusum*.]
- armatissimum* Linst., 1903, 280, t. h. *Iguana* sp.—1903: Dist.
- armatum* MacCallum, 1895, 401, see *isoporum armatum*.—1895: Dist. *isoporum*. [See also *Creadium*.]
- armatum* Mayer, 1841, 4, *Echinorhynchus* renamed.—1841: Monost.
- armatum* Leuck., 1835, 88, t. h. *Acipenser rostratus*.—1835: *Diclibothrium* (type). 1835: *Diclybothrium*. 1842: *Diplobothrium* (type). 1845: *Polyst.* (*Hexacotyle*).
- armatum* Molin, 1858, 130 (not Rud. 1793), t. h. *Phasianus gallus*; Patavii.—1858: Dist. [1896: Echinost. *echinatum*.]
- armatum* Mol., 1859, 291, t. h. *Conger conger*; Batavii.—1859: *Gasterost.*
- armatum* Fuhrmann, 1904, 61, t. h. *Rostrhamus sociabilis*.—1904: Echinost.
- armatum paludinæ impuræ* Fil., 1857c, pl. 2, figs. 14–15.—1857: Dist.
- arrectum* Duj., 1845a, 403, t. h. "lézard vert;" Rennes.—1845: Dist. (*Brachycoelium*). 1895: D. (*Dicrocoelium*).
- arrectum* Duj., of Mol., 1859, 831, misdetermined.—1859: Dist. [1899: *Telorchis*.] 1904: *Telorchis*.
- ascidia* Rud., 1819a, 108, t. h. *Sparus boops* and *S. pagrus*; Arimini and Naples.—1819: Dist. 1903: D. (*Brachylaimus*).
- ascidia* Ben., 1873, 328, not Rud., 1819a; see *lagena* Brand., 1888, not Rud., 1819a.—1873: Dist. 1892: D. (*Dicrocoelium*). [1896: *Lecithodendrium*.] 1899: *Lecithodendrium* (type).
- ascidiæ* Dies., 1858e, 373, t. h. *Mentula marina*.—1858: *Aspidogaster*.
- ascidioides* Ben., 1873, 332, t. h. *Vesperugo noctula*.—1873: Dist. 1892: D. (*Brachylaimus*). 1899: *Lecithodendrium*. 1902: D. (*Lecithodendrium*). [1905: *Lec. chilostomum* Mehlis.]
- ascoidea* Leidy, 1877, 201, t. h. *Planorbis parvus*.—1877: Dist. (*Gymnocephala*).
- asper* Looss, 1899b, 601, separated from *variegatus*.—1899: *Hæmatolæchus*. 1905: *Pneumonæces*.
- asperum* Dies., 1838a, 189, t. h. *Tapirus americanus*; 1839, 236, Matogrosso and Cachœira do Bananeira, South America.—1838: *Amphist.* 1901: *Cladorchis*.
- asperum* Nitzsch, in Crep., 1849a, 71, t. h. *Anas fuligula*.—1849: Monost.
- asperum* Vaillant, 1863, 347, t. h. *Siren lacertina*.—1863: Monost. 1892: *Monostomulum*.
- asperum* Wright, 1879, 57, t. h. *Ardea minor*.—1879: Dist. 1892: Echinost. 1903: *Pegosomum*.
- asperus* Stoss., 1904, 1, t. h. *Plecotus auritus*; Grisignana, Istria.—1904: *Plagiorchis*.
- aspidophori* Ben., 1870, 34, t. h. *Aspidophorus europæus*.—1870: Dist.
- assula* Duj., 1845a, 398, t. h. *Coluber natrix*; Toulouse.—1845: Dist. (*Dicrocoelium*).
- asymphyloporum* Stoss., 1901, 96, t. h. *Trutta trutta*; Lake Plitvica, Croazia.—1901: *Allocreadium*.
- atomata* Bosc, 1802a, v. 1, 260.—1802: *Plaxaria*.
- atomon* Rud., 1802, 70, t. h. *Pleuronectes flesus*, stomach; Greifswald, Europe.—1802: Fasc. 1809: Dist. 1886: D. (*Dicrocoelium*). 1901: *Allocreadium*. 1905: *Podocotyle* (type).

- atriventre* Weinland, 1856, 24, t. h. *Physa heterostropha*.—1856: Dist.
- attenuata* Staff., 1902, 418, t. h. *Rana catesbiana*, *R. virescens*; Canada.—1902: Gorgoderina. 1905: Gorgoderina.
- attenuatum* Rud., 1809a, 328, t. h. *Scolopax gallinago*; Greifswald.—1809: Monost. (Monost.). [Notocotyle verrucosum.]
- attenuatum* Rud., 1814a, 103, Fasc. *longicollis* Abildg., renamed; later renamed Dist. naja Rud., 1819a, 377.—1814: Dist.
- attenuatum* Duj., 1845a, 392 [nec Rud.], t. h. *Turdus merula*; Rennes.—1845: Dist. (Dicrocoelium). 1900: Dicrocoelium. [1850: *D. macrourum*.]
- attenuatum* Bremser, MS., in Braun, 1901f, 563, t. h. *Rhynchops nigra*; Brazil.—1901: Dist. [1901: *Microlistrum spinetum*.]
- attenuatum* Dies., 1836d, 238, t. h. *Salmo paccu*; Caiçara, Brazil.—1836: Amphist.
- attenuatum* Linst., 1906, 11, t. h. *Buteo vulgaris*.—1906: Hemist.
- augusticaudum* Staff., 1904, 488, t. h. *Lota maculosa*, *Stitzostedion vitreum*; Canada.—1904: Mimodist. (type).
- angustus* Staff., 1905, Apr. 11, 690, for *angustum* 1900.—1905: Telorchis.
- aurantiaca* Haswell, 1900, 431, t. h. *Astacopsis* sp.—1900: Temnocephala.
- auricularis* Wedl, 1857, for *auriculatus* (*Gyrodactylus*).
- auriculata* Bosc, 1802a, v. 1, 261.—1802: Planaria.
- auriculatum* Wedl, 1857, 242, t. h. *Acipenser ruthenus*.—1857: Dist. 1886: D. (Crossodera). 1903: Bunodera.
- auriculatum* Wedl of Lint., 1898, 521.—1898: Dist. [1904: *Acrodactyla petalosa* (type of A.).]
- auriculatus* Nord., 1832, 108, t. h. *Cyprinus brama*.—1832: *Gyrodactylus*. 1850: *Dactylogyrus* (type).
- auriflavum* Mol., 1859, 287, t. h. *Ardea nycticorax*; Batavii.—1859: Diplost.
- auritum* Duj., 1845a, 370, t. h. *Strix flammea*; Rennes.—1845: Holost. 1850: Hemist.
- auxis* Tasch., 1879, 613, t. h. *Auxis rochei*; Naples.—1879: Didymozoon.
- axenos* Mont., 1898; or 1899, 83, t. h. unknown; Brazil.—1899: Temnocephala.
- baccigerum* Rud., 1819a, 108, t. h. *Atherina hepsetus*; Naples.—1819: Dist.
- bacillare* Mol., 1859, 834, t. h. *Centrolophus pompilius*; Batavii.—1859: Dist. 1886: D. (Dicrocoelium). [1899: *Creadiinae*, ? *Creadium*.]
- baculifer* Braun., 1900, 28, t. h. *Didelphys palmata*; Brazil.—1900: Rhopalias.
- baculum* Lint., 1905, 327, t. h. *Scomberomorus maculatus*; Beaufort, N. C.—1905: Gasterost.
- baculus* Dies., 1850a, 391, D. *mergi* 1819 renamed, t. h. *Mergus albellus*.—1850: Dist. 1860: Echinost.
- badia* Rathke, 1799, 147.—1799: Plan.
- baelzi* Cobbold, 1884g, 976, D. *pulmonale* Baelz renamed, t. h. *Homo*.—1884: Dist. [Paragonimus, type].
- bagri incapsulatum* Wedl, 1861, 479, t. h. *Bagrus* sp.—1861: Dist.
- baraldii* Sons., 1892, 91, t. h. *Zamenis viridiflavus* Lacep.—1892: Dist. 1895: D. (Brachylaimus).
- barbata* Linn., 1761, 505, t. h. *Loligo*; Sweden.—1761: Fasc. [1779: *Echinorhynchus*.] 1809: Dist. [1809: *Tetrabothriorhynchus migratorius*, cestode.] [1819: *Tetrarhynchus megabothrius*.] 1853: *Tetrabothriorhynchus*. [1905: *Tetrarhynchus*.]
- barbatum* Cohn, 1902k, 47, t. h. *Coryphæna*.—1902: *Lecithocladium*. 1907: *Dinurus*.
- baryurum* Staff., 1903, 822, t. h. *Necturus maculatus* Raf.; Canada.—1903: Monocæcum (type).
- bathycotyle* Fischder., 1901, 368, t. h. *Bos kerabau*; Ceylon.—1901: Paramphist.
- batis* Cerf., 1899a, 376, t. h. *Raja batis*.—1899: *Rajonchocotyle* (type).
- batryophoron* Ben., 1870, 51, for *botryophoron* (Dist.).
- beleocephalum* Linst., 1873, 104, t. h. *Ardea cinerea*.—1873: Dist. 1892: Echinost. [bellii, reptile (*Bucephalus*).]
- bellinghamii* Cobbold, 1860a, 45, *falconum* Dies., renamed, t. h. *Falco nisus*, *F. rufus*.—1860: Holost.
- bellones* Otto, 1823, 300, t. h. *Bellone acus*; Naples.—1823: *Cyclocotyla* (type). 1837: *Cyclocotyle* (type). 1840: *Octobothrium*.

- belones* Nord., 1840, 600, for *bellones* Otto (*Octobothrium*).
- belones* Crep., 1839, 291, for *bellones* Otto (*Cyclocotyla*).
- belones* Braun, 1893, 871, t. h. *Belones vulgaris*; based on Wedl, 1855, 382-383.—1893: Dist.
- belones* Abildg., 1794d, 59, t. h. *Belone acus*.—1794: *Axine* (type).
- belones vulgaris* Dies., 1855, 64, t. h. *Belone vulgaris*; Triest; based on Wedl, 1855, 382-383.—1855: Dist.
- benedeni* St.-Remy, 1898, 566, for van *benedeni*.—1898: *Dactylogyrus*.
- benedeni* Stoss., 1898, 51, for *benedenii*.—1898: Dist. 1902: *Haploporus* (type).
- benedeni* Mont., 1893, see *benedenii*.—1904: *Nematobothrium* (*Didymozoon*).
- benedeni* St.-Remy, 1898, 566, for van *benedenii* (*Tetraonchus*).
- benedenii* Stoss., 1887, 95, t. h. *Mugil chelo*.—1887: Dist. 1902: *Haploporus* (type).
- benedenii* Mont., 1893, 137, t. h. *Orthagoriscus*.—1893: *Didymozoon*.
- bergense* Olss., 1868, 43, t. h. *Anguilla vulgaris*.—1868: Dist. 1886: *D.* (*Brachylaimus*) [1905: *Lecithaster gibbosus*.]
- bergi* Par., 1900, 193, t. h. *Raja planata*; Montevideo.—1900: Fasc.
- beroës* Will., 1844, 343, t. h. *Beroës rufescens*; Triest.—1844: Dist. [1850: *D. papil-losum*.]
- betencourtii* Mont., 1892b, 127; 1893, 33, t. h. *Scyllium*; Boulogne.—1893: Dist. 1899: *Pleurogenes*.
- bicornis* Bosc., 1802a, v. 1, 257.—1802: Plan.
- bicoronatum* Stoss., 1883, 113, t. h. *Ciconia nigra*.—1883: Dist. 1886: *D.* (*Echinost.*). 1901: *Stephanochasmus*. 1902: *Echinost.*
- bifasciata* Haswell, see Mont., 1889, 2.—1889: *Temnocephala*.
- bifurcatum* Wedl, 1861, 477, t. h. *Crocodilus vulgaris*; Egypt.—1861: Dist. 1888: *Diplost.*
- bifurcum* Braun, 1899, 631, t. h. *Flusschildkröten*.—1899: Dist. 1901: *Telorchis*.
- bijugum* Braun, 1901g, 896, t. h. *Himantopus melanopterus*; Brazil.—1901: *Stomylo-trema*.
- bijugum* Miescher, (1838a), pp. 28, 1 pl., t. h. *Fringillidæ*.—1838: *Monost.* [1840] *Monost. faba*.]
- [*bilamellate*, see sub Fasc.]
- bilharzii* Herff, 1894, 415, for *hæmatobium*.—1894: Dist. [*Schistosoma*.]
- bilineata* Haldeman, 1840a, 3, t. h. *Limnea catascopium*; Camden on Delaware.—1840: *Cerc.* 1850: *Histrionella*.
- biliosum* Leidy, 1858, 111, in a fish; America.—1858: Dist.
- bilis* Braun, 1790, 61, t. h. *Falco melanaëtus*; Germany.—1790: Plan. 1790: Fasc. 1803: Dist. [1809: Dist. *crassiusculum*.] 1898: *Campula*.
- billis* Bosc, 1802a, v. 1, 269, for *bilis* 1790 (*Fasciola*).
- bilobum* Rud., 1819a, 114, t. h. *Tantalus falcinellus*; Mus. Vien.—1819: Dist. (*Echinost.*) 1860: *Echinost.*
- bilobus* Looss, 1901, 569, t. h. *Chelone mydas*; Egypt.—1901: *Pleurogonius*.
- binodis* Mueller, 1776, 224, in intest. of fish.—1776: Fasc. 1803: Dist.
- biparasiticum* Goto, 1894a, 251, t. h. *Parapetalus*, *Thynnus albacora*; Japan.—1894: Trist.
- bipartita* Sons., 1897, 253, t. h. *Limnæa palustris*; Pisa.—1897: *Cerc.*
- bipartitum* Wedl, 1855, 378, t. h. *Thynnus vulgaris*.—1855: *Monost.* 1860: *Wedlia* (type). [1878: *Didymozoon* (type).] 1893: Dist. 1902: *Didymost.* (type).
- biróí* Mont., 1905, 21, t. h. *Sesarma gracilipes* A. Edw.; Sattelberg, New Guinea.—1905: *Craniocephala* (type).
- blainvillei* Cobbold, 1860a, 39, *M. delphini* Blainv., renamed.—1860: *Monost.*
- blanchardi*, Stoss., 1898, 61, t. h. *Labrax lupus*; Triest.—1898: *Gasterost.*
- blanchardi* Tasch., 1878, 564, for *blanchardii* (Trist.).
- blanchardi* Haswell, 1893f, 153, corrigendum, t. h. *Engæus fossor*; Grippsland, Victoria, Australia.—[1893: *Actinodactylus*.] 1893: *Actinodactylella*.
- blanchardii* Cobbold, 1860a, 8, *Brachylæmus erinacei* Bl., 1847, renamed, t. h. *Erinaceus europæus*; Paris.—1860: Dist. [1892: *D. linguæforme*.]

- blanchardii* Dies., 1850a, 430, *T. squali* E. Bl., 1847, renamed, t. h. *Squalus* sp.; New Zealand.—1850: Trist.
- blennii* Mueller, 1776, 224, t. h. *Blennius viviparus*.—1776: Fasc. 1803: Dist. [1809: *D. divergens*.]
- blicca* Linst., 1877, 185, t. h. *Blicca bjoerkna*.—1877: Dist.
- bolodes* Braun, 1902b, 11, t. h. *Fulica atra*; Rossitten.—1902: Dist.
- bombynæ* Zed., 1800a, xvi, t. h. *Rana bombyna*, lungs; Europe.—1800: Monost. [1894: Dist. *variegatum*.]
- bomfordi* Montgomery, 1906, 143, t. h. *Bos indicus*; India.—1906: *Schistosoma*.
- bonnieri* Mont., 1893, 40, t. h. *Trigla gurnardus*; Wimereux.—1893: Dist. 1899: Liopyge (type). [1902: *Liocerca* (type).]
- borealis* Sons., 1890, 177, misprint for *borealis* (*Onchocotyle*).
- borealis* Olss., 1893, 7, t. h. *Thymallus vulgaris*, *Coregonus lavaretus*; Scandinavia.—1893: *Dactylodiscus* (type). 1905: *Tetraonchus*.
- borealis* Ben., 1853l, 59, t. h. *Scimnus glacialis*.—1853: *Onchocotyle*. 1857: *Polyst.* 1899: *Squalonchocotyle* (type).
- boschadis* Schrank, 1790, 122.—1790: *Festuc.*
- boschadis* Schrank, 1803, 209, t. h. *Anas boschas sylvestris*, *A. b. dom.*—1803: Fasc.
- bosci* Cobbold, 1859d, 364, includes Fasc. *colubri* Bosc, Dist. *colubri americani* Rud., t. h. *Coluber* sp.—1859: Dist. 1895: *D. (Dicrocoelium)*. [1905: *Zeugorchis*.]
- boscii* Cobbold, 1879, 455, for *bosci*.—1879: Dist. 1895: *D. (Dicrocoelium)*.
- bothriophoron* Braun, 1892f, 49, t. h. *Bos indicus*; Madagascar.—1892: *Amphist.* 1901: *Parmaphist*.
- bothriophorum* Stiles, 1898a, 24, for *bothriophoron* (*Amphist.*).
- bothryophoron* Braun, 1892a, 700, for *botryophoron* (*Dist.*).
- botryophorus* Olss., of Looss, 1899b, 728, renamed *confusus* 1905.—1899: *Hemiurus*. 1901: *Lecithaster* (type).
- botryophoron* Olss., 1868, 42, t. h. *Cyclopterus*.—1868: Dist. 1886: *D. (Brachylaimus)*. 1905: *Lecithophyllum* (type).
- botryophorum* Odhn., 1905, 359, for *botryophoron* Olss., 1868.—1905: *Lecithophyllum* (type).
- botryophorus* Odhn., 1905, 357, for *bothryophorus* of Looss, 1899 (*Hemiurus*).—1905: *Lecithaster*. [*L. confusus*.]
- boum* Gmelin, 1790a, 354.—1790: Fasc. *hepatica*.
- bovis* Sons., 1876, 84, t. h. *Bos taurus*; Egypt.—1876: *Bilharzia*. 1893: *Gynæcophorus*. 1895: *Schistosoma*.
- brachycælia* Luehe, 1901d, 51, t. h. *Box salpa*; Genua.—1901: *Mesometra*.
- brachycælium* Cohn, 1903, 39, host not given.—1903: *Amphist.*
- brachydelphium* Heymann, 1905, 81, t. h. *Dermatemys mavii*.—1905: *Patagium* (type).
- brachysoma* Villot, 1878, 27, t. h. *Anthura gracilis* Leach.—1878: *Cerc.* [1888: Dist. *brachysoma*.]
- brachysomum* Crep., 1837a, 314, t. h. *Hæmatopus ostralegus*.—1837: Dist. 1892: *D. (Brachycælium)*. 1899: *Levinsenia* (type). 1901: *Levinseniella* (type).
- brachyura* Fil., 1837a, 337, t. h. *Planorbis submarginatus*; Pavia. See next entry.—1837: *Cerc.*
- brachyura* Dies., 1850a, 296, Dist. *polymorphum* Fil., 1837a, 337, renamed; t. h. *Planorbis submarginatus*; Ticini.—1850: *Cerc.* 1855: *Cerc. (Eucerc.)*. 1858: *C. (Acanthocephala)*.
- brachyura* Lespés, 1857b, 117, t. h. *Trochus cynereus*.—1857: *Cerc.* [1858: *C. (Acanthocephala) pachycerca*.]
- brachyurum* Linst., 1905, 418, 422, misprint for *baryurum* (*Monocæcum*).
- bramæ* Mueller, 1776, 224, t. h. *Cyprinus brama*.—1776: Fasc. 1803: Dist. [1809: Dist. *globiporum*.] [*Sphærost.*]
- bramæ* Par. & Perugia, 1896, 1, t. h. *Brama rayi*; Genova.—1896: *Octobothrium*. 1898: *Octocotyle*.
- branchialis* Vallot, 1840.—1840: *Astacobdella* (type).
- branchialis* Darr, 1902, 644, t. h. *mackerel*; German East Africa.—1902: *Bathycotyle* (type).

- braunii* Cobbold, 1860a, 43, *M. murænulæ* renamed, t. h. *Coregonus murænula*.—1860: Monost.
- brasilianum* Stoss., 1902b, 15, t. h. *Scolopax flaviceps*; Brazil.—1902: *Cyclocœlum*.
- brevicaudata* Piana, 1882, teste Parona, 1894, 161, t. h. *Helix carthusiana*; Reggio Em.—1882: Cerc.
- brevicaudatum* Nord., 1832a, 52, t. h. *Barbus communis*; Berlin.—1832: Holost. 1850: Diplost.
- brevicolle* Crep., 1829, 54, t. h. *Hæmatopus ostralegus*; Greifswald.—1829: Dist. 1892: D. (*Dicrocœlium*). 1902: Psilost.
- brevicornis* Mont., 1889, 1, t. h. *Hydromedusa maximiliani*, *Hydraspis radiolata*; Brazil.—1889: *Temnocephala*.
- breviplexus* Staff., 1902, 901, t. h. *Rana catesbiana*, *R. virescens*; Canada.—1902: *Hæmatolœchus*. 1905: *Pneumonœces*.
- brunnea* Mueller, 1774, 54.—1774: Fasc. 1776: *Planaria*.
- brunnea* Dies., 1850a, 296, Cerc. III Baer, renamed; t. h. *Limnæus stagnalis*; Regiomontii.—1850: Cerc. 1855: C. (*Eucerc.*). 1858: C. (*Gymnocephala*). [1858: Dist. *echinata*.]
- brunnea* var. Dies., see Erc., 1881e, 12.—[1881: Cerc. *alba*.]
- brusinæ* Stoss., 1889, 25, t. h. *Oblata melanura*; Triest.—1889: Dist. 1899: *Pleurogenes*. [1904: *Diphterostomum* (type).]
- brusinaï* Looss, 1901, 399, for *brusinæ* 1889.—1901: Dist. 1903: D. (*Brachycæcum*). [1904: *Diphterost.* (type).]
- buccatus* Nicoll, 1907, 72, t. h. *Hippoglossus vulgaris*; Scotland.—1907: *Stephanochasmus*.
- buccini* Fil., 1855b, 23.—1855: Dist.
- buccini mutabilis* Fil., 1855b, 17, t. h. *Buccinum mutabilis*; Gulf of Genoa.—1855: Dist. 1855: Cerc. 1858: C. (*Acanthocephala*).
- bucephalus* Erc., 1881e, 40, t. h. *Unio pictorum*.—1881: Cerc.
- buchholzii* Braun, 1889a, 320, lapsus for "*Fasc. hepatica, ovata plana, Buchholzii*," see *lanceatum*.—1889: Fasc.
- bufonis* Linst., 1877, 185, t. h. *Bufo vulgaris*.—1877: Dist.
- bulbosus* Brand., 1888a, 67, t. h. *Geronticus albicollis*, *Naucleus furcatus*; Mus. Vien.—1888: Holost.
- bumpusii* Lint., 1900a, 267, t. h. *Dasyatis centrura*; Woods Hole, Mass.—1900: *Epibdella*. 1903: *Phylline*.
- bursæ fabricius* Podwysozki, 1890, 157, t. h. *Gallus domesticus*.—1890: Dist.
- bursarium* Nitzsch, in Giebel, 1857, 265, t. h. *Falco peregrinus*.—1857: Holost.
- bursicola* Crep., 1837, 310, t. h. *Ardea cinerea*.—1837: Dist. [Echinost. *cloacinum*.]
- bursicola* Odhn., 1900, 14, t. h. *Somateria mollissima*; Sweden.—1900: *Gymnophallus*.
- bursicola* Looss, 1899b, 694, t. h. *Milvus parasiticus*, *Falco tinnunculus*; Africa. See also *africanum* 1901.—1899: Echinost.
- bursigerum* Brand., 1888, 65, t. h. *Larus ridibundus*; Mus. Vien.—1888: Holost.
- buski* Bl., 1888a, 622, for *buskii* q. v.—1888: Dist. 1888: *Dicrocœlium*. 1893: D. (*Dicrocœlium*). 1895: Dist. 1895: *Opisthorchis*. 1902: *Fasciolopsis*.
- buskii* Lankester, 1857, 437, t. h. *Homo*; Asia.—1857: Dist. 1858: *Dicrocœlium*. 1895: *Opisthorchis*. 1901: *Fasciolopsis* [type].
- buteonis* Gmelin, 1790a, 3054, t. h. *Falco buteo*; Europe.—1790: Fasc. [1782: *Plan.*]. 1803: Dist.
- cacozelus* Nicoll, 1907, 72, t. h. *Pleuronectes limanda*, *Hippoglossus vulgaris*.—1907: *Derogenes*.
- caduceus* Odhn., 1902, 26, t. h. *Krokodil*; Sudan.—1902: *Oistosomum* (type).
- caducus* Looss, 1901e, 603, t. h. *Gadus minutus*, *Lophius piscatorius*; apparently Triest.—1901: *Stephanochasmus*.
- cæca* Haswell, 1900b, 432, t. h. *Phreatoicopsis* n. sp.; Victoria.—1900: *Temnocephala*. [*cæruleum* Sluiter, 1898, 4, a tunicate (Dist.).]
- cahirinum* Looss, 1896, 119, t. h. *Bagrus bayad*; Cairo, Egypt.—1896: Dist. 1899: *Haplorchis*.
- calceolus* Mol., 1858, 129, t. h. *Conger conger*; Patavii.—1858: Dist. 1886: D. (*Dicrocœlium*).

- calceostoma* Wagener, 1857, 99, t. h. *Sciæna aquila*.—1857: *Dactylogyrus*. [1858: *Calceost. elegans*, type.] 1907: *Calceost.* type.
- calicophorum* Fischder., 1901, 370, t. h. *Bos taurus*; East Africa, Capland, Queensland, China.—1901: *Paramphist*.
- calidris* Rud., 1819a, 120, t. h. *Scolopax calidris*.—1819: *Dist.* [1850: *Monost. mutabile*.] [1886: *D. brachysomum*.]
- caligarum* Tasch., 1878, 564, for *caligorum* (*Udonella*).
- caligi* Kroyer, ———. —: *Phylline*. 1858: *Udonella*. [1858: *Udonella caligarum*.]
- caligi* Ben., 1858a, 189, for *caligorum*.
- caligorum* Johnston, 1835, 497, t. h. *Caligus* on *Hippoglossus vulgaris*.—1835: *Udonella* (type).
- callionymi* Ben., 1870, 53, t. h. *Callionymus dracunculus*.—1870: *Dist.*
- calyptrocotyle* Mont., 1891, 110, t. h. *Beroë ovata*.—1891: *Dist.* 1893: *D. (Accacœlium)*. [1900: *Accacœlium*.] 1902: *Orophocotyle*.
- campanulatum* Rivolta, 1884, 27, for *campanulatum* (*Dist.*).
- campanula* Duj., 1845a, 435, t. h. *Esox lucius*; Rennes.—1845: *Dist.* (*Crossodera*). [1850: *D. nodulosum*.] 1860: *Crossodera*. [1858: *Gasterost. fimbriatum*.] 1886: *D. (Echinost.)*.
- campanula* Linst., 1886a, 125, for *campula* Cobbold.—1886: *Dist.* [1892: *D. oblongum*.]
- campanulatum* Erc., 1874, 432, t. h. *Canis familiaris*.—1874: *Dist.*
- campula* Cobbold, 1876, 40, *oblonga* (*Campula*) renamed.—1876: *Dist.* 1899: *Metorchis*. 1899: *Opisthorchis*.
- canaliculatum* Rud., 1819a, 676, t. h. *Sterna* sp., *galericulata* teste Dies.; Brazil.—1819: *Dist.* 1902: *Bilharziella*.
- canaliculatum* Mehlis in Crep., 1846, 138, t. h. *Colymbus cristatus*.—1846: *Dist.*
- cancri locustæ* Rud., 1810a, 288.—1878: *Trematodum*.
- candida* Mueller (or Abildg.), 1806a, v. 4, 32.—1806: *Strigea*. [1850: *Holost. erraticum*.]
- candida* Mueller, 1774, 71, in littore Grœnlandiæ sub lapidibus.—1774: *Fasc.* 1776: *Planaria*. —: *Tetrastemma*.
- canicula* Cerf., 1899a, 374, *Onchocotyle appendiculata* Kuhn of Stoss., 1877, renamed; t. h. *Scyllium canicula*.—1899: *Acanthonchocotyle*.
- canis* Cerf., 1899a, 375, t. h. *Galeus canis*; Roscoff.—1899: *Squalonchocotyle*. 1900: *Onchocotyle*.
- canthari* Ben. & Hesse, 1863, 113; 1864, 113, t. h. *Cantharus griseus*.—1863: *Microcotyle*.
- caouanæ* Koll. in Braun, 1901b, 23, t. h. *Thalassochelys caouana*, int.—1901: *Monost.* [1901: *Enodiotrema megachondrum*.]
- capense* Looss, 1902m, 855, “*Anaporrhutum ricchiardii* Lopez” of Ofenh., renamed.—1902: *Probolitrema*.
- capense* Harley, 1864a, 55, t. h. *Homo*; Cape of Good Hope.—1864: *Dist.* 1864: *Bilharzia*.
- capitata* Bosc, 1802a, v. 1, 261; Baltic Sea.—1802: *Planaria*.
- capitata* Mueller, 1774, 70.—1774: *Fasc.* 1776: *Planaria*.
- capitellatum* Rud., 1819a, 83, 343, t. h. *Sparus salpa*; Naples.—1819: *Monost.* (*Monost.*).
- capitellatum* Rud., 1819a, 99, t. h. *Uranoscopus scaber*; Arimini and Naples.—1819: *Dist.* 1900: *Anisocelium* (type).
- capriciosa* Cuénot, 1892, in 1–23, t. h. *Synapta inhærens* teste Braun, 1893b, 183.—1893: *Cerc.*
- capsulare* Dies., 1858e, 355, based on Wedl, 1857, v. 26, 247, pl. 1, fig. 8, t. h. *Ardea purpurea*, *A. nycticorax*, *A. cinerea*, *Gallinula crex*, *Podiceps nigricollis*.—1858: *Dist.* 1892: *Agamodist*.
- capsularia* Sons., 1892, 7 Oct., 144, t. h. *Cleopatra bulimoides*; Cairo, Egypt.—1892: *Cerc.*
- capyristes* Klein, 1905, 60, t. h. *Rana hexadactyla*.—1905: *Pneumonœces*.
- carbonarii* Cerf., 1895h, 929.—1895: *Dactylocotyle*.
- carinarix* delle Chiaje, (1841a), 139.—1841: *Dist.*

- carinatum* Zed., 1803a, 217, cyprinaceum Zed., 1800, renamed.—1803: Dist. [1809: D. globiporum, pars D. inflexum.]
- carnea* Rathke, 1799, 83.—1799: Planaria.
- carnosa* Hass., 1891a, 208, in Bos taurus; U. S. A.—1891: Fasc. 1892: Dist. 1892: D. (Fasc.). [See americanum.]
- carnosum* Rud., 1819a, 93, t. h. Sparus dentex; Naples.—1819: Dist. 1886: D. (Brachylaimus).
- carolinæ* Stoss., 1889, 26, t. h. Alausa finta; Triest.—1889: Dist. [1891: Apoblema ocreatum.] 1899: Pronopyge. [1899: Pronopyge ocreata, type.]
- caryocatactis* Zed., 1800a, 163, t. h. Corvus caryocatactes; Europe.—1800: Dist. [1850: D. caudale.] [1902: Harmost. caudale.]
- caryophyllacea* Rud., 1810a, 353 for caryophyllina (Festucaria).
- caryophyllata* Bory de St. Vincent, 1823a, 354, in infusions de chènevis.—1823: Cerc.
- caryophyllina* Rud., 1802, 66, t. h. Gasterosteus aculeatus; Greifswald.—1802: Festuc. 1803: Monost. 1809: M. (Hypost.). 1828: Hypost. (probably type). 1845: Monost.
- caryophyllum* Dies., 1850a, 317, t. h. Falco pileatus; Rio Parana, Brazil.—1850: Eustemma (type). [1888: Holost. eustemma.]
- caryophyllum* Mont., 1892, 717, for caryophyllum (Monost.).
- catellina* Mueller, 1786, 130, in aqua fossarum, ubi Lemna.—1786: Cerc. 1815: Furcocerca. 1827: Dicanophorus.
- catellus* Mueller, 1773, 65, in aqua [etc., see p. 124.].—1773: Cerc. 1815: Furcocerca. 1827: Dicanophorus.
- catervarium* Looss, 1896, 118, t. h. Alosa finta; Cairo, Egypt.—1896: Dist.
- catto* R. Bl., in Catto, 1905, 70; 1905, 11, t. h. Homo; China.—1905: Schistosoma. [S. japonicum.]
- caudale* Rud., 1809a, 382, caryocatactis Zed., 1800, renamed, t. h. Corvus caryocatactes.—1809: Dist. 1901: Harmost.
- caudale* from Pyrrhocorax alpinus.—1809: Dist. [1902: Harmost. mesostomum.]
- caudale* of Mueller, 1897, 16, in Coracias garrula.—1897: Dist. [1902: Urogonimus macrostomus.]
- caudata* Goto, 1894, 186, t. h. Sebastes sp.; Japan.—1894: Microcotyle.
- caudata* Bosc, 1802a, 271, t. h. dorade.—1802: Fasc. [1809: Dist. coryphænæ.] [1819, 1850: D. tornatum.] 1859: Dist.
- caudata* Mueller, 1774, 70.—1774: Fasc. 1787: Planaria.
- caudatum* Polonio (1859), t. h. Natrix torquata, Tropidonotus viperinus; Padua.—1859: Dist. 1896: D. (Opisthorchis).
- caudatum* Linst., 1873, 103, t. h. Erinaceus europæus.—1873: Dist. 1892: D. (Brachylaimus.) 1899: Heterolope. [1899: D. leptostomum.]
- caudiporum* Rud., 1819a, 96, t. h. Zeus faber; Arimini.—1819: Dist. 1845: D. (Apoblema). 1901: Lecithochirium. 1907: Synaptobothrium.
- cavatica* Fries.—Planaria.
- caviæ* Bosc, 1811, 269.—1811: Tetrágulus. 1829: Linguatula.
- caviæ* Sons., 1890, 100, t. h. Cavia cobaya.—1890: Dist. 1893: Fasc. hepatica.
- cellulosa* Looss, 1896b, 227, t. h. Melania tuberculata Bourg.; near Alexandria, Egypt.—1896: Cerc.
- centra appendiculatum* Leidy, 1904a, 277, misprint for centrappendiculatum (Dist.).
- centrappendiculatum* Leidy, 1891a, 416, appendiculatum Leidy, 1877, 202 [not Rud.] renamed.—1891: Dist.
- centrodes* Braun, 1901g, 941, t. h. Tinamus variegatus; Brazil.—1901: Harmost.
- cephala* Risso, 1826, 262, t. h. Tetraodon luna; Europe.—1826: Trist. [1898: T. molæ.]
- cephalo* Kroyer, 1852-53a, 745, for cephalæ (Trist.).
- cercatum* Ben., 1858a, 179 [possibly lapsus for —? —].—1858: Monost.
- cercatum* Mont., 1893, 40, host and loc. unknown.—1893: Urogonimus. 1893: Dist.
- cercatus* Mont., 1893, 162, see cercatum (Urogonimus).
- cercopitheci* Cobbold, 1861e, 119, t. h. Cercopithecus fuliginosus.—1861: Cerc.
- cerebrale* Yamagiwa, 1890, 457, t. h. Homo; see westermanii.—1890: Dist. [Paragonimus westermanii.]

- cervi* Schrank, 1790, 123.—1790: Fasc. [1790: Festucaria.] 1893: Strigea. 1898: Amphist. 1901: Paramphist. (type).
- cervi* Zed., (1790), 65, t. h. Hirsch.—1790: Festucaria. See *cervi* Schrank.
- cervi* Gmelin, 1790a, 3054.—1790: Fasc. hepatica.
- cervi* Cobbold, 1861e, 119, t. h. Cervus axis.—1861: Cerc.
- cesti veneris* Vogt, —, 299, t. h. Cestum veneris.—Dist.
- cecticillus* Mol., 1858, 131, t. h. Lophius piscatorius; Patavii.—1858: Dist. 1886: D. (Echinost.). 1893: Echinost. 1899: Anoiktost. 1899: Stephanost. (type). [1901: Stephanochasmus, type.]
- cestoides* E. Ben., 1870, 17, t. h. Raja batis.—1870: Dist.
- cylindraceum* Looss, 1894a, 37, misprint for cylindraceum (Dist.).
- characis* Stoss., 1886, 26, t. h. Charax puntazzo; Triest.—1886: Dist. (Brachylaimus).
- chefrenianum* Looss, 1896, 73, t. h. Rhinopoma microphyllum; Ghizeh.—1896: Dist. 1899: Lecithodendrium.
- chefresianum* Looss, 1896, pl. 5, misprint for chefrenianum (Dist.).
- chelonix atræ* Braun, 1899e, 629, see pachyderma.—1899: Dist.
- chelonix imbricatæ* Dies., 1858e, 358, based on Bellingham, 1844, 340, t. h. Chelonia imbricata; Ireland.—1858: Amphist.
- chelydræ* Staff., 1900, 406, t. h. Chelydra serpentina.—1900: Dist. 1905: Auridist. (type).
- chelydræ* MacCallum, 1902, 632, t. h. Chelydra serpentina; Dunnville, Ontario.—1902: Heronimus (type).
- chiajæ* Tasch., 1879, 251, for chiajei (Solenocotyle).
- chiajæ* Mont., 1888, 89, for chiajei (Solenocotyle).
- chiajei* Dies., 1850a, 420, Polyst. loliginis Chiaje, 1823, renamed; t. h. Loligo vulgaris; Naples.—1850: Solenocotyle (type).
- chilensis* Gay, 1836, see next entry.—1836: Branchiobdella. 1850: Astacobdella.
- chilensis* Moquin-Tandon, teste E. Bl., 1849, 51, t. h. cangregos; Chili.—Branchiobdella. 1849: Temnocephala.
- chili* Osborn, 1903, 315, t. h. Micropterus dolomieu; Chautauqua, N. Y.—1903: Cryptogonimus (type).
- chilinsis* Mont., 1899, 113, for chilensis (Temnocephala).
- chilostomum* Mehlis, 1831, 186, t. h. Vespertilio murinus et al.—1831: Dist. 1892: D. (Dicrocoelium). 1900: Lecithodendrium.
- chilostomum* Ben., 1873, 27.—1873: Dist. [1892: D. aristotelis.]
- chimæra* Ariola, 1899a, 8, t. h. Chimæra monstrosa; Genova, Italy.—1899: Agamodist.
- chimæra* Kroyer, 1852-53a, 813, t. h. Chimæra monstrosa L.—1853: Crobylrophorus (type).
- chinense* Cobbold, 1876, 97, D. sinense renamed, t. h. Homo.—1876: Dist.
- chiri* Goto, 1894, 193, t. h. Chirus hexagrammus; Japan.—1894: Microcotyle.
- chloropodis* Zed., 1800a, xvii, 164, t. h. Fulica chloropus; Europe.—1800: Dist. [Dist. uncinatum.]
- chlorotica* Dies., 1850a, 296, Cerc. II Baer renamed; t. h. Paludina vivipara; Regio. montii.—1850: Cerc. 1855: C. (Eucerc.). 1858: C. (Acanthocephala).
- choledochum* Linst., 1883a, 306, t. h. Anas sp.—1883: Dist. 1892: D. (Dicrocoelium). 1898: Opisthorchis.
- choledochus* Odhn., 1900, 14, t. h. Vulpanser tadorna.—1900: Gymnophallus.
- chordale* Burckhardt, 1891a, 62, t. h. Protopterus annectens.—1891: Amphist. [1892: Tetracotyle, Holostomidæ.]
- chrysophrii* Cerf., 1898a, 303, for chrysophryi (Choricotyle).
- chrysophri* St.-Remy, 1898, 555, for chrysophryi (Diclidophora).
- chrysaëti* Rud., 1819a, 119, t. h. Falco chrysaëtus.—1819: Dist. [1892: D. crassiusculum.]
- chrysophris* Mont., 1888, 11, 16, for chrysophryi (Choriocotyle).
- chrysophryi* Ben. & Hesse, 1863; 1864, 109, t. h. Chrysophrys aurata.—1864: Choriocotyle (type). 1890: Octobothrium. 1890: Microcotyle. 1895: Diclidophora.
- chrysalinum* Hannover, 1864a, 3, for crystallinum 1819 (Dist.).
- cignoides* Mont., 1888, 40, 80, for cygnoides (Dist.).

- ciliata* Mueller, 1774, 55, free form.—1774: Fasc. 1776: Planaria.
- cimbiforme* Mont., 1896, 165 for cymbiforme (Dist.).
- cincta* Rud., 1803, 31, t. h. *Tringa vanellus*.—1803: Fasc. 1809: Dist. 1809: D. (Echinost.). 1860: Echinost.
- cinctum* Brand., 1888a, 67, t. h. *Ardea* sp.; Brazil.—1888: Holost.
- [*cinerea* (anatomical term) Fasc.]
- circularis* Linst., 1904, 493; or 1894, 17, t. h. *Acipenser ruthenus*.—1904: Erpocotyle.
- [*circumvallata* Sluiter, 1900. Dist. (tunicate).]
- cirrata* Rud., 1802, 66, of Rud., 1808, xxv, for *F. cirrhata*.—1802: Fasc. [cirrhata]. 1809: Dist. 1845: D. (*Brachylaimus*). 1899: *Lepoderma*. 1899: *Plagiorchis*.
- cirrhata* Rud., 1802, 66, t. h. *Corvus frugilegus*; Greifswald, June—1802: Fasc. 1855: Dist. 1899: *Lepoderma*.
- cirrigerum* Nord., 1840, 616, for *cirrigerum* (Dist.).
- cirrigerum* Baer, 1827, 553, t. h. *Astacus fluviatilis*.—1827: Dist. [1850: D. *isostomum*.]
- cirrosum* Rud., 1808a, 296, for *cirratum* (Dist.).
- cladocalium* Dies., 1858, 354, t. h. *Ardea minuta*; based on Pontallié, 1853, 103.—1858: Dist.
- clathratum* Deslongchamps, in Lamouroux, 1824, 563, t. h. *Cypselus apus*.—1824: Dist. 1845: D. (*Dicrocoelium*). 1899: *Dicrocoelium*. [1899: *Lyperosomum*.]
- clathratum* Deslongchamps, of Olsson, 1876, 24, renamed *olssoni* 1900.—1876: Dist. [1900: *Dicrocoelium olssoni*.]
- clathratum* Dies., 1850a, 308, t. h. *Lutra brasiliensis*; Matogrosso.—1850: Hemist.
- clausi* Mont., 1888, 79 for *clausii* (Cerc.).
- clausii* Mont., 1888, 72.—1888: Cerc.
- clava* Dies., 1850a, 356, hosts *Eunectes scytale*, *Hydroscopus plumbeus*, *Coluber flaviventris*, *Chœlia fasciata*; Brazil.—1850: Dist. 1899: *Telorchis* (type).
- clavata* Menzies, 1791, 187, t. h. *Scomber pelamys*; Pacific.—1791: Fasc. 1808: Dist. 1828: *Hirudinella* (type).
- clavatum* Steenstrup, 1842, 59, under skin of frogs, *Rana temporaria*, [for 1842: *Amphist. subclavatum*?].
- clavatum* Nord., 1832, 42, t. h. *Perca cernua*, *P. fluviatilis*, *P. lucioperca*.—1832: Diplost. 1850: *Tylodelphys* (type).
- claviforme* Brand., 1888, 247, t. h. *Tringa alpina*.—1888: Dist. 1899: *Lecithodendrium*. 1892: D. (*Brachycœlium*). 1907: *Spelotrema*.
- clavigerum* Zed., 1803a, 199, *Festuc. strigis* 1788, renamed; in *Strix*.—1803: *Amphist.* [1809: *A. macrocephalum*.]
- clavigerum* Rud., 1819a, 103, t. h. *Bufo viridis*, at Berlin; *B. cinereus*, *Rana temporaria*, *R. esculenta*, *Hyla arborea*.—1819: Dist. 1845: D. (*Brachycœlium*). 1899: *Pleurogenes* (type).
- clavigerum* Rud. of Duj., 1845a, renamed *confusus*, 1894.—1845: Dist. (*Brachycœlium*). 1899: *Prosotocus*, type.
- clavus* Mol., 1858, 128, t. h. *Gadus merlucius*; Patavii.—1858: Holost.
- cloacinum* Braun, 1901, 259, *bursicola* Crep., renamed.—1901: Echinost.
- clupeæ* Ben., 1870, 67, t. h. *Clupea sprattus*; Belgium.—1870: *Gasterost.*
- clupeæ* Schrank, 1788, 20, t. h. *rheinische Mayfische*.—1788: Fasc. 1803: Dist.
- clupeæ schrenæ* Rud., 1809a, 437, includes Fasc. *aloseæ* Hermann, 1783, *F. clupeæ* Schrank, 1788.—1809: Dist.
- cobboldi* Fischder., 1901, 372, for *cobboldii* (*Gastrothylax*).
- cobboldi* Montgomery, 1906, Feb. 12, 21, t. h. *Equus caballus*; India.—1906: *Pseudodiscus*.
- cobboldii* J. Poir., 1883, 77, t. h. *Palonia frontalis*; Java.—1883: *Gastrothylax*.
- cobitidis* Linst., 1890d, 179, t. h. *Cobitis barbatula*.—1890: Diplost.
- coccineum* Cuv., 1817, 42, t. h. *la môle*, *le xiphias*, etc.—1817: Trist. (type). 1820: Phylline. 1828: *Capsala*.
- coccineum* of Rud., 1819a, 123, in *Orthagoriscus molæ*, *Xiphias gladius*, renamed *rudolphianum*, 1850.—1819: Trist.
- cochlea* Wedl, 1857, 258, t. h. *Esox lucius*.—1857: *Gyrodactylus*. [1888: *Tetraonchus monenteron*.] 1890: *Dactylogyrus*.

- cochlear* Dies., 1858, 38, t. h. *Scomber scombrus*.—1858: *Grubea* (type).
- cochlear* Dies., 1850a, 357, *D. cochleariforme sternæ* Rud. renamed; t. h. *Sterna cantia*, *S. minuta*, int.; Brazil.—1850: Dist. 1901: *Microlistrum*.
- cochlear* Looss, 1899b, 667, t. h. *Chelonia mydas*; Egyptian coast.—1899: *Pyelosomum* (type).
- cochleare* Fischer, 1883, 1, t. h. *Halicore dugong*; Philippines.—1883: *Opisthotrema* (type).
- cochleariforme* Rud., 1809a, 326, includes *Festuc. cyprinacea*, t. h. *Cyprinus barbus*.—1809: *Monöst.* (*Hypost.*).
- cochleariforme* Rud., 1819a, 681, t. h. *Pelecanus aquila*, *Sterna minuta*; Brazil.—1819: Dist. 1901: *Microlistrum* (type).
- cochleariforme sternæ* Dies., 1850a, 357, see *cochlear*.—1850: Dist.
- cochleariformis* Dies., 1838a, 189, t. h. *Cataphractus*.—1838: *Aspidocotylus*. 1877: *Cotylegaster*. 1879: *Aspidogaster*. 1892: *Aspidocotyle*.
- coccinea* Tasch., 1878, 567, for *coccinea* (*Phylline*).
- cœlebs* Linst., 1875, 192, t. h. *Fringilla cœlebs*.—1875: Dist. 1892: *Agamodist*.
- cœlomaticum* Giard & Billet, 1892a, 613, t. h. cattle; Tonkin.—1892: Dist. 1896: *Dicrocœlium*. 1893: *D. (Dicrocœlium)*. 1907: *Eurytrema*.
- cœruleus* Braun, 1902b, 11, t. h. *Cairina moschata*; Brazil.—1902: *Metorchis*.
- coleostomum* Looss, 1896, 101, t. h. *Pélican*; Egypt.—1896: Dist. 1899: *Anoiktost*. 1899: *Ascocotyle* (type).
- collinsi* Sons., 1895, 182, for *collinsii*, *Amphist. (Pseudodiscus)*.
- collinsii* Cobbold, 1875l, 741, t. h. *Equus caballus*; India.—1875: *Amphist.* [1895: *A. (Pseudodiscus)*.]
- collinsii* var. *stanleyi* Cobbold, 1879b, 359, t. h. *Equus*.—1879: *Amphist.* [1900: *A. hawkesi*.] [See *stanleyi* 1875.]
- collurionis* Schrank, 1790, 123, t. h. *Lanius collurio*.—1790: Fasc. 1803: Dist.
- colostomum* Vaullegeard, 1901, 143, for *coleostomum* (Dist.).
- colubri* Bosc, 1802, 271, t. h. *couleuvre d'Amérique*.—1802: Fasc. 1809: Dist. [1859: *D. bosci*.]
- colubri* Linst., 1877, 192, t. h. *Coluber natrix*.—1877: *Tetracotyle*. [1889: *Holost. variable*.]
- colubri americani* Rud., 1819a, 121, *D. colubri* 1809, renamed.—1819: Dist. [1859: *D. bosci*.]
- colubri murorum* Rud., 1819a, 121, t. h. *Coluber murorum*.—1819: Dist. [1850: *D. allotomum*.]
- colubri natricis intestinale* Rud., 1809a, 433, t. h. *Coluber natrix*.—1809: Dist. [1819: *D. mentulatum*.]
- colubri natricis pulmonale* Rud., 1809a, 434.—1809: Dist. [1819: *D. naja*.]
- colubri tessellati* Rud., 1819a, 121, t. h. *Coluber tessellatus*.—1819: Dist. [1850: *D. mentulatum*.]
- columbæ* Mazzanti, 1889a, 161, t. h. *Columba livia*; Pisa.—1889: Dist. [1896: *Mesogonimus commutatus*.]
- columbæ liviæ* Mueller, 1897, 26, t. h. *Columba livia*.—1897: *Echinost*.
- columbellæ* Pag., 1862, 306, t. h. *Columbella rustica*.—1862: *Cerc*.
- colymbi immeris* Viborg, 1795, 241.—1795: Fasc. s. *Ligula*.
- comes* Haswell, 1893e, 96, t. h. *Astacopsis serratus*; Australia.—1893: *Temnocephala*.
- cometa* Bory de St. Vincent, 1823a, 354, in infusions d'orge.—1823: *Cerc*.
- commune* Olss., 1876, 31, t. h. *Labrus*.—1876: Dist. 1886: *D. (Dicrocœlium)*. 1901: *Allocreadium*.
- communis* Odnh., 1905, 348, in numerous Scandinavian marine fishes.—1905: *Hemirus*.
- commutatum* Dies., 1858e, 339, Dist. *dimorphum* Wagener, 1852 [not Dies., 1850], renamed, t. h. *Phasianus gallus*; Pisa.—1858: Dist. 1889: *Mesogonimus*. [1899: *Clinost*.]
- commutatum* Dies., 1850a, 311, t. h. *Sterna caspica*; M. C. V.—1850: *Hemist*.
- compactum* Cobbold, 1859d, 363, t. h. *Viverra mungos*.—1859: Dist. 1892: *Mesogonimus*. [1899: *Paragonimus*.] 1900: *Paragonimus*.

- compactus* Fischder., 1901, 370, t. h. *Bos taurus*; Africa.—1901: *Stephanopharynx* (type).
- compascua* Kowal., 1898, 72, see *xanthosoma compascua*.—1898: *Opisthorchis*. 1902: *Metorchis*.
- complanatum* Rud., 1814a, 103, t. h. *Ardea cinerea*; Berlin, Germany.—1814: *Dist.* 1845: *Dist.* (*Dicrocoelium*). 1899: *Clinost.*
- complanatum* Erc. of Par., 1894, 144, for *campanulatum* (*Dist.*).
- complexum* Stiles & Hass., 1894e, 425, t. h. *Felis catus dom.*; U. S. A.—1894: *Dist.* (*Dicrocoelium*). 1896: *Opisthorchis*. 1899: *Metorchis*.
- complexus* Seely, 1906, 249, t. h. *Rana pipiens*; North Carolina, U. S. A.—1906: *Pneumonœces*.
- complicatum* Mehlis, 1846, 141, t. h. *Haliaëtus carbo*.—1846: *Dist.*
- compressus* Brand., 1898a, 27, t. h. *Bos indicus*; Vien. Mus.—1898: *Gastrothylax*.
- concarum* Crep., 1825a, 45, t. h. *Colymbus rufogularis*.—1825: *Dist.* 1892: *D.* (*Dicrocoelium*). 1899: *Tocotrema*. 1899: *Cryptocotyle* (type). 1899: *Cotylogonimus* (*Cryptocotyle*, type). 1903: *Cryptocotyle*.
- conchicola* Baer, 1826a, 124, t. h. *Anadonta*, Unio; Prussia.—1826: *Aspidogaster* (type). 1851: *Aspidonotus* (type).
- conchicole* Gronkowski, 1902a, 515, for *conchicola* (*Aspidogaster*).
- conchiola* Mont., 1888, 40, for *conchicola* (*Aspidogaster*).
- conchicola* Dies., 1850a, 414, for *conchicola* (*Aspidogaster*).
- concinna* Scott, 1904, 278, t. h. *Trygon pastinaca*; Scotland.—1904: *Thaumatocotyle* (type).
- concinna* Scott, 1902, 301; t. h. not given.—1902: *Acanthocotyle*.
- concinnum* Braun, 1901, 700, t. h. *Viverra zibetha*.—1901: *Dicrocoelium*.
- confusum* Looss, 1894a, 2, 101, *D. clavigerum* of Duj., 1845a, renamed; t. h. *Rana esculenta*; Paris, Rennes.—1894: *Dist.* 1899: *Prosotocus* (type). 1905: *Pleurogenes*.
- confusus* Odhn., 1905, 357, *bothryophorus* of Looss, 1899, 728, renamed; t. h. *Alosa finta* in Mediterranean and *Clupea harengus* in North Sea.—1905: *Lecithaster* (type by Odhn.).
- coni mediterranei* Fil., 1857c, 14, t. h. *Conus mediterraneus*; Mediterranean.—1857: *Cerc.* 1858: *Cercariæum*.
- conicum* Polonio, 1859, teste Par., 1894, 627.—1859: *Dist.*
- conicum* Polonio, 1859, t. h. *Natrix torquata*; Padua.—1859: *Diplodiscus*.
- conicum* Zed., 1803a, 188, *Festucaria cervi* Zed., 1790, renamed; t. h. *Cervus elaphus*.—1803: *Monost.* 1809: *Amphist.* [1901: *Paramphist. cervi*, type.]
- coniferum* Mehlis in Creplin, 1846, 138, t. h. *Colymbus cristatus*.—1846: *Holost.*
- conis* Perroncito, 1886, 250, misprint for *conus* Crep., 1825.—1886: *Dist.*
- coniunctum* Rivolta, 1884, 26, for *conjunctum*, 1860 (*Dist.*).
- conjunctum* Cobbold, 1860a, 8, t. h. *American Canis fulvus*.—1860: *Dist.* 1893: *D.* (*Brachylaimus*). 1895: *Opisthorchis*. 1899: *Metorchis*.
- conjunctum* of Lewis & Cunningham, as a parasite of man, in India, see *noverca*.—1872: *Dist.* 1895: *Opisthorchis*.
- conoideus* Bloch, 1782a, 35, t. h. *Anas boschas dom.*; Europe.—1782: *Cuculanus*. [1850: *D. echinatum*.] 1886: *Dist.* 1896: *Echinost.*
- conostomum* Olss., 1876, 17, t. h. *Coregonus oxyrhynchus*.—1876: *Dist.* 1886: *D.* (*Brachylaimus*). [1899: *Spathidium*.] 1902: *Phyllodist.*
- constrictum* Dies., 1850a, 322, t. h. *Abramis brama*.—1850: *Monost.* 1892: *Diplostomulum*.
- constrictum* Leared, 1862, 271, t. h. edible turtle; see *mistroides*.—1862: *Dist.* 1896: *Mesogonimus*. 1899: *Hapalotrema* (type).
- constrictum* Mehlis, 1846, 142, t. h. *Anas mollissima*, *A. nigra*.—1846: *Dist.*
- constructum* Staff., 1900, 407, misprint for *constrictum* Leared (*Dist.*).
- continuum* Ariola, 1899, 6, t. h. *Carcharias rondeletti*; Genova.—1899: *Dist.*
- contortum* Rud., 1819a, 118, t. h. *Orthogoriscus mola*; Naples.—1819: *D.* (*Echinost.*) 1893: *D.* (*Accacelium*). 1898: *Podocotyle*. 1899: *Accacelium* (type).
- contractus* Looss, 1902, 136, t. h. *Mugil chelo*.—1902: *Dicrogaster*.

- contribulans* Braun, 1901f, 568, t. h. *Hirundo rustica*.—1901: Eumegacetes.
- conum* Erc., 1881a, or 1882, see Par., 1894, 164, t. h. *Bythinia tentaculata*; Bologna.—1881 or 82: Cerc.
- conum* Huber, 1896a, 578, for *conus* Crepl. (Dist.).
- conus* of Gurlt, 1831, 193.—1831: Dist. [1903: *Opisthorchis felineus*.]
- conus* Crep., 1825, 50, t. h. *Felis catus dom.*, *Canis vulpes*.—1825: Dist. 1892: D. (*Dicrocoelium*). 1896: *Opisthorchis*.
- convrva* Luehe 1901, 474, t. h. *Conger conger*; Coll. Berlin.—1901: *Lecithochirium*.
- convolutum* Brand. MS., in Braun, 1901f, 565, t. h. *Platalea ajaja*.—1901: Dist. [1902: *Mesaulus grandis*.]
- copulans* Cohn, 1902, 877, t. h. *Cryptobranchus japonicus*.—1902: *Liolope* (type).
- copulans* Linst., 1904, 254, t. h. *Arnoglossus laterna*; ? Louvain.—1904: *Synaptobothrium* (type). 1906: *Lecithochirium*.
- cordatum* Dies., 1850a, 308, t. h. *Felis cat. fer.*; M. C. V.—1850: Hemist.
- cordiforme* Braun, 1900f, 389, or 1900b, 225, t. h. *Molossus* sp.; Brazil.—1900: *Lecithodendrium*.
- cordiformis* Wolf, 1903, 602, t. h. *Squalus* sp.—1903: *Braunina*.
- coregoni feræ* Chauvannes, —, 62; see Dies., 1858d, 283.—1858: *Cercariæum*.
- cornifrons* Leidy, 1878, 382, t. h. *Donax fossor*.—1878: Dist.
- cornu* Dies., 1839a, 235, t. h. *Doras* sp.=*Cataphractus vacu*; Forte do Rio Branco; Brazil.—1839: Amphist. [1860: *A. nattereri*.]
- cornu* Nitzsch, in Rud., 1819a, 89, t. h. *Ardea cinerea*, *A. garzetta*; Europe.—1819: Amphist. 1819 [p. 357]: Holost.
- cornu* Linst., 1878, 228, t. h. *Abramis vimba*; middle Europe.—1878: *Dactylogyrus*.
- cornu* Zed., 1800a, xvii, t. h. *Ardea cinerea*; Europe.—1800: Dist. 1809: Amphist. 1819: Monost. (Monost.)
- cornucopia* Mol., 1859, 287, t. h. *Strix flammea*?; Batavia.—1859: Holost.
- cornuta* Bosc, 1802a, v. 3, 244.—1802: Cerc.
- cornuta* Osborn, 1903, 63, t. h. crawfish, black bass, and catfish; Lake Chautauqua. N. Y.—1903: *Bunodera*. 1904: *Crepidost.*
- cornutum* Rud., 1808a, xxv; 1809a, 343; t. h. *Charadrius pluvialis*; Greifswald, Europe.—1808: Amphist. 1845: Holost.
- cornutum* Verrill, 1875, 40, t. h. *Tetrapterus albidus*; North America.—1875: Trist.
- coronarium* Cobbold, 1861e, 119, t. h. *Alligator mississippiensis*.—1861: Dist. 1899: Anoktost. 1896: D. (*Echinost.*). 1899: *Acanthost.* 1901: *Acanthochasmus*.
- coronata* Fil., 1855b, 10, t. h. *Lymnæus palustris*, *L. stagnalis*; Moncalier.—1855: Cerc. 1858: C. (*Gymnocephala*).
- coronatum* Leidy, 1888, 127, t. h. terrapin; eastern U. S. A.—1888: Polyst.
- coronatum* Rud., 1819a, 686, t. h. *Didelphis*(?) *virginiana*; Brazil.—1819: Dist. (*Echinost.*). 1850: *Rhopalophorus* (type). 1892: *Echinost.* 1898: *Rhopalias* (type).
- coronatum* Rentsch, 1860, 38, t. h. *Gasterosteus spinachia*.—1860: Dist.
- coronatum* Wagener, 1852, 567, t. h. *Corvina nigra*; Nice.—1852: Dist. 1886: D. (*Echinost.*). 1898: *Echinost.* 1899: Anoktost. (type).
- corones* Dies., 1858e, 322, t. h. *Corvus corone*; Ireland.—1858: Holost.
- corpulentum* Lint., 1905, 327, t. h. *Lagodon rhomboides*, *Orthopristis chrysopterus*; Beaufort, N. C.—1905: Dist.
- corrigia* Braun, 1901, 946, t. h. *Tetrao tetrix*; Coll. Vien.—1901: *Lyperosomum*.
- corrugatum* Duj., 1845a, 409, t. h. *Sorex tetragonurus*; Rennes.—1845: Dist. (*Brachylaimus*).
- corvinæ* Stoss., 1886, 46, t. h. *Corvina nigra*; Triest.—1886: Dist. 1886: D. (*Echinost.*). [1899: Anoktost. (type).]
- corvinum* Stiles & Hass., 1894, 418, t. h. *Corvus americanus*, *C. ossifragus*; U. S. A.—1894: Dist. *longissimum*. 1898: *Opisthorchis*.
- coryphænæ* Bosc, 1802, 271, t. h. "dorade".—1802: Fasc. 1809: Dist. [1850: D. *clavatum*; D. *tornatum*.]
- coryphænæ hippuridis* Tilesius in Litt, Rud., 1809a, 436.—1809: Fasc. [1809: Dist. *coryphænæ*.]
- coryphænæ* Cobbold, 1879b, 460, for *coryphænæ* (Dist.).

- coryphænæ* Cobbold, 1879b, 461, for *coryphænæ* (Dist.).
 [costæ D. Valle (Dist.), a tunicate.]
- cotti* Linst., 1889a, 80 based on Zschokke, 1884, 204, t. h. *Cottus gobio*; Lake Lemán.—1884: Monost.
- cotylophorum* Fischder, 1901a, 370, t. h. *Bos taurus* at Togo, *B. zebu* in German East Africa.—1901: Paramphist.
- cotylura* Pag., 1862, 293, t. h. *Trochus cinereus*; Cete.—1862: Cerc.
- craniaria* Dies., 1858, 316, t. h. *Cobitis fossilis*.—1858: *Tylodelphys*. 1860: *Diplost*.
- cranium* Huber, 1896a, 575, misprint for *crassum* (Dist.).
- crassa* Rud., 1793a, 27, *F. melis* Gmelin renamed.—1793: Fasc.
- crassa* Sons., 1888, 124.—1888: *Bilharzia*. 1892: *Gynæcophorus*. 1899: *Schistosoma*.
- crassa* Erc., 1881 or 1882, see Par., 1894, 164, t. h. *Bythinia tentaculata*; Bologna.—1881: Cerc.
- crassicauda* Erc., 1881 or 1882, see Par., 1894, 164, t. h. *Bythinia tentaculata*; Bologna.—1881: Cerc.
- crassicaudatum* Busch, 1851, 99, t. h. *Sagitta*.—1851: Dist.
- crassicaudatum* Leuck. in Kollar, 1836, 81, t. h. *Acipenser stellatus*.—1836: *Diklibothrium*. 1839: *Diclibothrium*. [1840: *Hexacotyle elegans*.] [1850: *D. armatum*.]
- crassicolle* Rud., 1809a, 378, for Fasc. *salamandræ*; t. h. *Salamandra atra*.—1809: Dist. 1845: Dist. (*Brachycoelium*). [1896: *Brachycæcum*, type.] 1899: *Brachycoelium* (type). 1899: Dist. (*Dicrocoelium*). 1899: *Lecithodendrium*.
- crassiusculum* Rud., 1809a, 408, *Planaria bilis* Braun, renamed; t. h. *Falco melanætus*.—1809: Dist. 1892: *D. (Brachylaimus)*. 1898: *Opisthorchis*. 1899: *Metorchis*.
- crassiuscula* var. *janus* Kowal., 1898h, 122, t. h. *Anas boschas dom.*.—1898: *Opisthorchis*. 1898: *Campula*. [1899: *Metorchis*.]
- crassiusculus* Wedl, 1857, 258, t. h. *Lucioperca sandra*.—1857: *Gyrodactylus*. [1858: *Tetraonchus unguiculatus*.] 1890: *Dactylogyrus*.
- crassum* Cobbold, 1860a, 5, *buskii* renamed, t. h. *Homo*.—1860: Dist. 1899: *Fasciolopsis*.
- crassum* Olss., 1876, 25, t. h. *Hirundo urbica*.—1876: Dist.
- crassum* Sieb., 1836, 234, t. h. *Hirundo urbica*.—1836: Dist. 1892: *D. (Dicrocoelium)*. 1907: *Eumegacetes*.
- crassus* Looss, 1901 l, 568, t. h. *Thalassochelys corticata*; Egypt.—1901: *Glyphicephalus*. 1902: *Epibathra* (type).
- crenata* Rud., 1802, 76, t. h. *Gasterosteus aculeatus*, *Pleuronectes maximus*.—1802: Fasc. 1809: Dist. 1889: *Apoblema*. 1901: *Hemiurus*. 1905: *Brachyphallus* (type).
- crenata* Frœlich, 1802a, 60, t. h. *Fulica chloropus*; Europe.—1802: Fasc. [1814: Dist. *uncinatum*.]
- crenata* Mueller, 1774, 64.—1774: Fasc. 1776: *Planaria*.
- crenatum* Mol., 1859, 840, t. h. *Centrolophus pompilius*; Batavii.—1859: Dist. 1886: *D. (Apoblema)*. 1889: *Apoblema*. 1899: *Hemiurus*. [1901: *Lecithocladium excisum*.] 1905: *Brachyphallus*.
- crenulum* Rud., 1809a, 328, t. h. *Motacilla phœnicurus*; Greifswald.—1809: Monost. (Monost.).
- crenulum* Cobbold, 1860a, 47, t. h. *Anas nigra*; Ireland.—1860: Holost.
- crystallina* Sons., 1893, 188, for *crystallina* Rud., 1819 (*Tetracotyle*).
 [crystallinum Ren. (Dist.), tunicate.]
- cristata* La Valette, 1855, 23, t. h. *Lymnæus stagnalis*.—1855: Cerc. [1858: *Lophocercaria fissicauda*.]
- cristatum* Rud., 1819a, 117, t. h. *Stromateus fiatola*; Arimini.—1819: Dist. (*Echinost.*). 1860: *Echinost.*
- croaticum* Stoss., 1889, 183, t. h. *Carbo graculus*; Fiume, Croazia.—1889: Dist. 1892: *Echinost.*
- crocodili* Poir., 1886, 30, t. h. *Crocodylus siamensis*.—1886: Dist. 1895: *Echinost.*
- crotali* "Humboldt."—Dist., an arachnoid [now in *Porocephalus*].
- crotali durissi* Rud., 1809a, 433, for *crotali*.—1809: Dist. [1819: *Pentast. proboscideum*.]

- cruciatus* Wedl, 1857, 258, t. h. *Cobitis fossilis*.—1857: *Gyrodactylus*. 1858: *Tetraonchus*. 1890: *Dactylogyrus*.
- crucibulum* Rud., 1819a, 83, t. h. *Muraena conger*, *M. cassini* (*M. myroides*); Naples.—1819: Monost. (Monost.). 1845: Dist. (Crossodera). 1850: Monost. 1859: *Gasterost*. 1905: *Prosorhynchus*.
- crucifer* Wagener, 1857, 55, t. h. *Cyprinus erythrophthalmus*.—1857: *Dactylogyrus*.
- crumena* Mueller, 1786, 129, in infuso Ulvæ linzæ marino.—1786: Cerc. 1815: *Furcocerca*. 1827: *Crumena*, type.
- crumenifer* Otto, 1896, 94, see *crumeniferum*.—1896: *Gastrothylax*.
- crumeniferum* Crep., 1847, 30, t. h. *Bos taurus indicus*.—1847: Amphist. 1883: *Gastrothylax* (type).
- crumigerum* Fischder., 1903h, 563.—1903: Amphist. [1903: *Gastrothylax compressus*.]
- crux* Levin., 1881, 80, t. h. *Modiolaria discors*; *Egedisminde*.—1881: *Bucephalus*.
- cryptobothrium* Ben., 1870, 1871a, 31, t. h. *Trigla gurnardus*; Belgium.—1870: Dist.
- crystallinum* Rud., 1819a, 100, hosts *Rana esculenta*, *R. temporaria*, *Bufo viridis*, *B. igneus*, *Vipera berus*; Berlin.—1819: Dist. 1877: (ex parte) *Tetracotyle*.
- cteniceps* Leidy MS. in Stiles & Hass., 1894, 249, t. h. *Fiber zibethicus*.—1894: Dist.
- ctenolabri* Staff., 1905, 682, t. h. *Ctenolabrus adspersus*.—1905: *Dermocystis* (type).
- cucullus* Ziegler, 1883, 540, for *cuculus* (*Bucephalus*).
- cuculus* McCrady, 1874, Dec. 3, 176, t. h. *Ostrea virginiana*; Charleston, S. C.—1874: *Bucephalus*. [1874: *Hydricuculus*, type.]
- cucumerina* Erc., 1881, see Par., 1894, 364, t. h. *Bythinia tentaculata*; Bologna.—1881: Cerc.
- cucumerina* Rud., 1804, 166 in liver of *Pleuronectes maximus*.—1804: Fasc.
- cucumerinum* Rud., 1809a, 360, host *Avis riparia*, gen. sp. incert.—1809: Dist. 1889: Monost. 1902: *Typhlocelum*.
- cuneatum* Rud., 1809a, 358, t. h. *Otis tarda*; Greifswald.—1809: Dist. 1901: *Prosthogonimus*.
- cuspidatum* Looss, 1896b, 96, t. h. *Milvus parasiticus*; Matarieh.—1896: Dist. 1899: *Anoiktost*. 1899: *Centrocestus* (type).
- cuticola* Nord., 1832, 49, t. h. *Cyprinus*, see p. 290.—1832: Holost. [1832: *Cryptostomum*.] 1850: Diplost. 1892: *Tetracotyle*. [1898: *Hemist. denticulatum*.] 1902: *Tetracotyle*.
- cuticula* Kroyer, 1852-53a, 1250, for *cuticola* (Holost.).
- cycladis rivicolæ* Dies., 1850a, 298, based on Sieb., 1837, 388, t. h. *Cyclas rivicola*.—1850: Cerc. 1855: *Cercariaeum*.
- cyclidium* Mueller, 1773, 68, in *Aquis purioribus frequens*.—1773: Cerc. 1827: *Cyclidium*, type.
- cyclophora* Braun, 1896, 3, t. h. *Notothenia* sp.; Navarin, Puerto Toro.—1896: *Lophocotyle* (type).
- cyclopteri* Rud., 1809a, 438, t. h. *Cyclopterus lumpus*.—1809: Dist. [1850: *D. reflexum*.]
- cygni oloris* Dies., 1858e, 344, based on Bellingham, 1844, 427.—1858: Dist. [1858: *D. echinatum*.]
- cygnoides* Zed., 1800a, 163, t. h. *Rana esculenta*.—1800: Dist. 1845: *D. (Dicrocœlium)*. 1889: *D. (Polyorchis)*. 1898: *Pleorchis*. 1899: *Phyllodist.* 1899: *Gorgodera* (type).
- cygnoides* Schrank, 1803, 212, t. h. ———.—1803: Fasc.
- cygnoidis* Sons., 1893, 187, for *cygnoides* (Dist.).
- cylindraceum* Zed., 1800a, 163, t. h. *Rana esculenta*.—1800: Dist. 1802: Fasc. 1845: Dist. (*Dicrocœlium*). 1847: *Brachylæmus*. 1899: *Haplometra* (type).
- cylindraceum* Zed., of Pachinger, 1888.—1888: Dist. [1894: *D. variegatum*.]
- cylindrica* Goetz, 1782a, 174, a "Klasse."—1782: *Planaria*. 1841: Dist.
- cylindricum* Dies., 1836d, 249, t. h. *Cataphractus murica*; Villa Maria, Brazil.—1836: Amphist.
- cylindricum ranæ* Mayer, 1841, 18.—1841: Dist.
- cymbiforme* Rud., 1819a, 96, t. h. *Testudo mydas*; Arimini.—1819: Dist. 1895: *D. (Brachylaimus)*. 1899: *Phyllodist.* 1899: *Spathidium*. 1901: *Plesiochorus* (type).

- cymbium* Dies., 1850a, 320, t. h. *Himantopus wilsonii*; Caiçara, Brazil.—1850: Monost. [1819: *M. flavum*.] 1902: *Hæmatotrephus*.
- cymbuliæ* Græffe, 1860a, 47, t. h. *Cymbulia peronii* Les; Nizza.—1860: Cerc.
- cymbuliæ* delle Chiaje (1841a, 109).—Dist.
- cyprinacea* Schrank, 1790, 122, t. h. *Cyprinus barbus*.—1790: *Festucaria*.
- cyprinaceum* Zed., 1800a, 164, in intest. *Cyprinorum*.—1800: Dist. [1850: *D. globiporum*.]
- cyprina* Leach in Johnston, 1865, 35, t. h. *Cyprina islandica*; Plymouth, Eng.—1865: Monost. [1865: *Malacobdella grossa*.]
- cyprini carassii* Viborg, 1795, 242.—1795: Fasc.
- cyprini idi* (peritonei) Dies., 1858e, 367, t. h. *Leuciscus idus*; Rennes.—1858: Dist. [1858: ? *Tetracotyle echinata*.]
- cyprini idi* Moul., 1856, 233.—1856: *Tetracotyle*. [1858: *T. typica*.]
- cysticola phalangii opilionis* Dies., 1855, 64, see *cystidicola* 1846.—1855: Dist.
- cysticum* Crep., 1846a, 159, t. h. *Planorbis* sp.—1846: Dist.
- cystidicola* Crep., 1846, 156, t. h. *Phalangium opilio*.—1846: Dist.
- cystophona* Will.-Suhm, 1870, 5, for *cystophora* (Cerc.).
- cystophora* Wagener, 1866, 145, t. h. *Planorbis marginatus*.—1866: Cerc.
- dactyliferum* Braun, 1892a, 568, for *dactylipherum* (Dist.).
- dactylipherum* Poir., 1885, 10, t. h. *Argonauta*.—1885: Dist.
- deflectens* Rud., 1819a, 677, t. h. *Sylvia* sp., *Motacilla* sp.; Brazil.—1819: Dist. 1901: *Dicrocoelium*.
- delectans* Braun, 1901g, 945, t. h. *Myiothera ruficeps*; Brazil.—1901: *Dicrocoelium*.
- delicatum* Dies., 1850a, 325, includes Dist. *testudinis* Rud., 1819a, 121, t. h. *Emys europæa*, *Halichelys atra*; Mus. Vien.—1850: Monost.
- delicatum* Rud., 1809a, 373, t. h. *Anas sponsa*.—1809: Dist. 1828: Fasc.
- deliciosum* Olss., 1893, 10, t. h. *Larus argentatus*.—1893: Dist. 1900: *Gymnophallus* (type).
- delitescens* Looss, 1899b, 666, t. h. *Chelonia mydas*; apparently Egypt.—1899: *Criccephalus* (type). [See also *albus*.]
- delphini* Dies., 1850a, 330, t. h. *Delphinus dalei*; near Havre.—1850: Monost. [1860: *M. blainvillei*.] 1892: *Monostomulum*.
- delphini* Poir., 1886, 34, t. h. *Delphinus delphis*.—1886: Dist. 1892: *Cladocoelium*. 1899: *Brachycladium*.
- dendricum* Ben., 1870, 36, for *dendriticum* (Dist.).
- dendriticum* Rud., 1819a, 93, t. h. *Xiphias gladius*.—1819: Dist. 1896: *D. (Dicrocoelium)*. 1899: *Dicrocoelium*.
- dendyi* Haswell, 1893e, 96, t. h. *Astacopsis bicarinatus*; Australia.—1893: *Temnocephala*.
- dentatum* Lint., 1900: 269, t. h. *Paralichthys dentatus*.—1900: Dist.
- denticulata* Rud., 1802, 91, t. h. *Sterna hirundo*; Greifswald, July.—1802: Fasc. 1809: Dist. (Echinost.). 1860: Echinost.
- denticulata* Rud., 1805, an arachnoid.—1808: Polyst. 1809: Polyst. (Pentast.), [now in *Linguatula*].
- denticulatum* Rud., 1819a, 90, t. h. *Alcedo ispida*; Mus. Vien., Europe.—1819: Amphist. 1845: Holost. 1850: Hemist.
- denticulatum* Olss., 1876, 10, t. h. *Gadus virens*.—1876: *Octobothrium*. 1895: *Dactylocotyle*.
- depressum* Polonio, 1859, teste Par., 1894, 149, t. h. *Triton cristatus*; Padua.—1859: Dist.
- depressum* Stoss., 1883, 118, t. h. *Dentex vulgaris*; Triest.—1883: Dist. 1886: *D. (Brachylaimus)*.
- detruncatum* Braun, 1899g, 490, t. h. *Mycteria americana*, *Ciconia americana*; Brazil.—1899: Clinost. 1900: Dist.
- diadema* Mont., 1902, 137, t. h. *Trygon violacea*.—1902: *Epibdella*. 1903: *Phylline*. 1902: *E. (Phylline)*.
- diaphanum* Odhn., 1902, 154, t. h. *Polypterus bichir*; White Nile.—1902: *Callodist.* (type).
- diaphanum* Staff., 1904, 494, t. h. *Ambloplites rupestris*; Canada.—1904: *Protenteron* (type).

- diaphanum* Cerf., 1894k, 936, t. h. Raja batis.—1894: Merizocotyle (type).
- dichotoma* Mueller, in LaValette, 1855, 38, free form.—1855: Cerc. 1858: C. (Schizocerca).
- dicorynum* Dies., 1850a, (359), 680, t. h. Lampris guttatus; new name for D. affine Dies.—1850: Dist. 1886: D. (Köllikeria?).
- dicanocœlum* Fischder., 1901a, 369, t. h. Bos taurus indicus; Coll. Berl. Vet. School.—1901: Paramphist.
- dictyotus* Mont., 1893, 156, reticulatum Looss, 1885, renamed.—1893: Dist. 1893: Mesogonimus (type).
- didelphidis* Par., 1896, 3, t. h. Didelphys azaræ; Paraguay.—1896: Dist. (Brachylaimus). 1904: Plagiorchis.
- didelphydis* Stoss., 1904, 2, for didelphidis Par.—1904: Dist. [D. (Brachylaimus).]
- diesingi* Braun, 1901, 561, for diesingii 1860.—1901: Dist. [1902: Microlistrum cochlear.]
- diesingi* Fil., 1837a, 334, t. h. Planorbis nitidus; Ticino.—1837: Diplodiscus. 1856: Cerc. [1850: Diplocotyle mutabile (type).]
- diesingii* Fil., 1854a, 6, for diesingi (Cerc.). 1854: Diplodiscus.
- diesingi* Cobbold, 1860a, 14 (D. cochlear Dies., renamed), t. h. Sterna cantiaica, S. minuta; Brazil.—1860: Dist. [Microlistrum cochlear.]
- differens* Sons., 1891, 261, t. h. Cantharus lineatus.—1891: Trochopus.
- difformis* Wagener, 1857, 63, t. h. Cyprinus erythrophthalmus.—1857: Dactylogyrus.
- diffusocalceiferum* Gastaldi, 1854, 5, t. h. Rana esculenta.—1854: Dist.
- digitata* Mont., 1903a, 309, t. h. Palemonetes argentinus.—1902: Temnocephala.
- digitatum* Rathke, (1843), 242, t. h. Hippoglossus gigas; Norway.—1843: Octobothrium. [1850: Dicliphora palmata.] [1879: Octobothrium palmatum.]
- digitatus* Looss, 1899b, 641, t. h. Sphyræna vulgaris; Egypt.—1899: Hemiusurus. 1901: Lecithochirium. 1907: Plerurus (type).
- dilatatum* Fischer de Waldheim, 1840a, 158, t. h. Gallus communis; Vilnæ.—1840: Dist. 1860: Echinost. [1892: E. echinatum.]
- dilatatus* Dady, 1905, 233, t. h. Colossoma brachypoma; Paraguay.—1905: Chiorchis.
- dilatatum* Schneidemuehl, 1896, 303, misprint for dilatatum (Dist.).
- dimidiatum* Crep., 1829, 55, t. h. Acipenser sturio.—1859: Dist.
- dimorphum* Dies., 1850a, 353 [contains D. marginatum Rud., 1819a, 680, and Duj., 1845a, 446], t. h. Salmo carapus, etc., see page 184; Brazil.—1850: Dist. 1886: D. (Brachylaimus). 1899: Clinost.
- dimorphum* of Wagener, 1852, 555, see commutatum 1858, from chicken.—1852: Dist. 1890: Mesogonimus.
- diodontis* Oken, 1815, 182, t. h. Diodon sp.; Nölka to Cal.—1815: Phylline (type of P. Oken, teste Odhn.). [Trist. maculata.] [Capsala martinieri.]
- diplacanthus* Massa, 1903, 254, t. h. Trigla hirundo.—1903: Trochopus.
- diplocotylea* Pag., 1857, 25, t. h. Planorbis marginatus.—1857: Cerc. [1858: Diplocotyle mutabile.] [1885: Amphist. subclavatum.]
- diplodiscoides* Cohn, 1904, 240, t. h. Rana esculenta.—1902: Opisthodiscus (type).
- diplorchis* Odhn., 1905, 318, t. h. Lumprenus medius; Spitzbergen, off King's bay.—1905: Monorchoides (type).
- [*dipsacum* Lint., 1897a, 806, cestode (Octobothrium).]
- discus* Mueller, 1786, 138, pl. 20, fig. 3, in aqua palustri raro.—1786: Cerc. 1829: Cyclidium.
- diserialis* Ssinitzin (1896), in Rallus aquaticus.—1896: Notocotyle.
- dispar* Looss, 1902, 888, t. h. dogs and cats; Egypt.—1902: Heterophyes.
- disticha* Mueller, 1776, 224.—1776: Fasc. 1803: Dist.
- distomatosa* Linst., 1889a, 118, based on Sons., 1884, 98, t. h. Cleopatra bulimoides; near Cairo, Egypt.—1889: Cerc.
- distomi folii* Looss, 1894a, 251.—1894: Cerc. [Dist. folium.]
- distomi hepatici* Looss, 1894a, 252.—1894: Cerc. [Fasc. hepatica.]
- distomi homolostomi* Linst., 1889a, 120, t. h. Limmæa stagnalis.—1889: Cerc. [Dist. holostomum.]
- distomi militaris* Braun, 1893a, 832.—1893: Cerc. [Dist. militare.]

- distomi perlati* Looss, 1894a, 32.—1894: Cerc. [Dist. perlatum.]
- distomi retusi* Linst., 1878a, 327, in *Limnæa stagnalis*.—1878: Cerc. [Dist. retusum.]
- divergens* Rud., 1809a, 371, Fasc. blennii renamed, t. h. *Blennius viviparus*.—1809: Dist.
- divergens* Looss, 1902e, 640, t. h. *Ranzania truncata*; Triest.—1902: Orophocotyle.
- dolichocotyle* Cohn, 1903, 37, t. h. *Herpetodryas fuscus*.—1903: Amphist. 1904: *Ca-tadiscus* (type).
- donavani* Mont., 1888, 16, for *donavini* (*Microcotyle*).
- donavini* Ben. & Hesse, 1863; 1864, 114, t. h. *Labrus donavini*.—1863; 1864: Microcotyle (? type).
- draconis* Briot, 1904, 126, t. h. *Trachinus draco*; North Sea.—1904: Microcotyle.
- dubia* Gæze, 1782a, 177, see *alata*.—1782: Plan.
- dubium* Leidy, 1856, 45, t. h. *Rusticola minor*.—1856: Clinost. 1858: Dist.
- dubium* Cobbold, 1860, 45, t. h. *Corvus corone*.—1860: Holost. [1858: *H. coronæ*.]
- dubium* Cobbold, 1858b, 156 t. h. *Gasterosteus spinachia*.—1858: Monost. 1892: *Monostomulum*.
- dubius* Klein, 1905, 68, t. h. *Coluber olivaceus*.—1905: *Halipegus*.
- dujardini* MacCallum, 1904, 547, for *dujardinii* (*Echinost.*).
- dujardinianus* Dies., 1850a, 432, t. h. *Cyprinus carpio*, *Leuciscus rutilus*.—1850: Gyrodactylus. 1858. *Dactylogyrus*.
- dujardinii* Cobbold, 1860a, 37, Dist. *histrix* Duj., 1845a, 433, *D. histrix* Dies., 1850a, 393, renamed; t. h. *Pleuronectes maximus*, *P. platessa*.—1860: Echinost.
- dujardinii* Cobbold, 1860a, 29, *D. soleæ* 1845, renamed, t. h. *Solea vulgaris*, see *Pleuronectes solea*.—1860: Dist.
- dujardinii* Dies., 1850a, 420, t. h. *Cyprinus erythrophthalmus*.—1850: *Diporpa* (type). [1879: *Diplozoon paradoxum*, type.]
- dujonii* Braun, 1893a, 917, see also *dujonis* (*Monost.*).
- dujonis* Leuck., (1874), 419, t. h. *Halicore dujong*.—1874: Monost.
- duplicata* Baer, 1826, 124, t. h. *Anadonta ventricosa*; *Regiomontii*.—1826: Dist. 1856: Cerc. [1850: *Rhopalocerca tardigrada*, type.]
- duplicatum* Rud., 1819a, 125, *Polyst. thynni* 1811, renamed, t. h. *Scomber thynnus*; Balearic Isles. —1819: Polyst. 1845: Polyst. (*Hexacotyle*). 1850: *Plagiopeltis* (type).
- ecaudenta* Eichwald, 1829a, 248, t. h. *Lymnæus stagnalis*.—1829: Cerc.
- echeneidis remoræ* Rud. (1821–8), 163, t. h. *Echeneis remora*.—18—?: Dist.
- echeneis* Wagener, 1857, 99, t. h. *Chrysophrys aurata*.—1857: *Dactylogyrus*. 1889: *Diplectanum*.
- echinata* Dies., 1858e, 367, new name for Dist. *cyprini idi* (*peritonei*), see Duj., and T. *acerinæ cernuæ*, t. h. *Leuciscus idus*, *Acerina cernua*; Europe.—1858: *Tetracotyle*.
- echinata* Sieb., 1837, 187, t. h. *Lymnæus stagnalis*: *Gedani*.—1837: Cerc. 1855: Cerc. (*Hormocerc.*). 1858: Cerc. (*Nephrocephala*). [1858: Dist. *echinatum*.] 1861: Dist.
- echinata* Nord., 1840, 621.—1840: Fasc. [1840: *F. trigonocephala*.]
- echinatoides* Fil., 1854, 266, t. h. *Paludina vivipara*, *P. achatina*; Lake Varese, Lombardy.—1854: Cerc. 1855: Cerc. (*Hormocerc.*). 1858: C. (*Nephrocephala*). [1858: Dist. *echiniferum*.]
- echinatoides* Dies., 1858d, 263, for *echinatoides anodontæ*.—1858: Dist.
- echinatoides anodontæ* Pag., 1857, 32, t. h. *Anadonta cygnea*.—1857: Dist.
- echinatum* Linst., 1878, 223, t. h. *Pandion haliaëtus*.—1878: Monost.
- echinatum* Fil., 1837a, 338, t. h. *Paludina impura*; Italy.—1837: *Heterost.* (type). 1858: *Cercariæum*.
- echinatum* Zed., 1803a, 220, t. h. *Anas domestica*, *A. querquedula*; includes: *Cucul-anus conoideus* Bloch, 1782; *Planaria teres* Gæze, 1782; Dist. *anatis* Zed., 1800; *Festucaria anatis* Schrank; Fasc. *anatis* Gmelin.—1803: Dist. 1828: Echinost., type. 1809: D. (*Echinost.*).
- echinifera* LaValette, 1855, 14, t. h. *Paludina vivipara*.—1855: Cerc. 1855: Dist. [1856: Cerc. *echinatoides*.] [1858: C. (*Nephrocephala*) *echinatoides*.] [1873: Dist. *militare*.] 1892: Echinost.

- echiniferum paludinæ* Pag., 1857, 30, t. h. *Paludina vivipara*.—1857: Dist.
echinocephalum Rud., 1819a, 115, t. h. *Falco milvus*; includes *D. milvi*.—1819: Dist. (Echinost.). 1860: Echinost.
echinoerca Fil., 1855b, 17, t. h. *Buccinum linnæi*; Golf de Gênes.—1855: Cerc. 1858: Histrionella. [1858: Dist. appendiculatum.]
echinostomum Dies., 1850a, 326, t. h. *Cathartes aura* and *Sula fusca*; Brazil; includes Dist. planicollæ Rud., from *Pelecanus sula* in Brazil.—1850: Monost. [1902: Anoiost. planicollæ.]
echiuri Greef, 1879a, 130, t. h. *Echiurus pallasi*.—1879: Dist.
efemera Ssinitzin, 1905, 158, for *ephemera* (Cerc.).
ehrenbergii Focke, 1836a, 191.—1836: Planaria.
elaphi Gmelin, 1790a, 3054, cervi renamed, t. h. *Cervus elaphus*.—1790: Fasc. 1800: Monost. [1850: Amphist. conicum.]
elegans Baer, 1826, 125, t. h. Stör=*Acipenser sturio*.—1826: Nitzschia (type). 1864: Trist.
elegans Ben., 1858a, 1861a, 60, t. h. *Sciæna aquila*; Belgium.—1858, 1861: Calceost. (type.)
elegans Dies., 1858e, 364, new name for *Epibdella sciænæ*, t. h. *Sciæna aquila*; near Ostend.—1858: Benedenia (type).
elegans Goto, 1894a, 188, t. h. *Scombrops chilodipteroides*; Japan.—1894: Microcotyle.
elegans Looss, 1899b, 692, t. h. *Phœnicopterus roseus*; Gizeh.—1899: Echinost.
elegans Mont., 1890, 191, *Raja clavata*; Naples.—1890: Acanthocotyle.
elegans Mueller in LaValette, 1855, 13, free form.—1855: Cerc. 1858: Histrionella.
elegans Olss., 1868, or 1869, 2, t. h. *Chimæra monstrosa*; Skagerrack.—1868: *Macraspis* (type). [1888] 1891: *Aspidogaster*.
elegans Rud., 1802, 65, t. h. *Fringilla domestica*; Greifswald.—1802: Fasc. 1809: Dist. 1845: *D. (Brachylaimus)*. 1902: *Plagiorchis*.
elegans Nord., 1832, 106, t. h. *Cyprinus brama*.—1832: *Gyrodactylus* (type).
elegans Nord., 1840, 597, 600, includes *crassicaudatum* (*Diklibothrium*), t. h. *Acipenser stellatus*.—1840: Hexacotyle.
elephantis Dies., 1858, 354, based on Jackson, 1847, 317, t. h. *Elephas indicus*.—1858: Dist. 1892: *Cladocœlium*.
ellipticum Stoss., 1886, 64, for *ellipticum* Mol., 1858.—1886: *D. (Echinost.)*.
ellicticum Mont., 1892, 715, for *ellipticum* (Monost.).
elliptica Dies., 1850a, 421, t. h. *Labrax mucronatus*.—1850: *Plectanocotyle* (type). 1858: *Plectanophorus* (type).
ellipticum Mol., 1858, 130, t. h. *Acipenser nasus*; Patavii.—1858: Dist. 1886: *D. (Echinost.)*.
ellipticum Brand., 1888a, 59, t. h. *Piaya cayana*; Brazil.—1888: Hemist.
ellipticum Brand., 1888a, 67, t. h. *Bubo magellanicus*; Brazil.—1888: Holost.
ellipticum Rud., 1809a, 333, *M. bombynæ* 1800, renamed.—1809: Monost. (Monost.). [1853: Dist. variegatum.]
ellipticus Pratt, 1903, 25, t. h. *Heterodon platyrhinus*; North America.—1903: Renifer (type).
elongata Goto, 1894a, 210, t. h. *Pagrus tumifrons*; Mogi and Hakodate, Japan.—1894: *Diclidophora*.
elongata Nitzsch, 1826, 150, t. h. Stör.—1826: Trist. 1840: *Capsala*. [1850: *N. elegans*.] 1865: Nitzschia.
elongatum Mehlis, 1831, 177, t. h. *Larus argentatus*, *L. marinus*, *L. ridibundus*.—1831: Dist.
elongatum J. Poir., 1883, 76, t. h. *Palonia frontalis*; Java.—1883: *Gastrothylax*. 1903: Amphist.
elongatus Pratt, 1903, 25, t. h. *Heterodon platyrhinus*; North America.—1903: Renifer.
emarginata Olss., 1876, 11, t. h. *Raja clavata*.—1876: Onchocotyle. 1890: Octocotyle.
emarginatum Rud., 1819a, 124.—1819: Pentast.
emarginatum Dies., 1839a, 237, t. h. *Callithrix noctivaga*; Matogrosso, Brazil.—1839: Amphist.
ematobia Sons., 1884, 20, for *hæmatobia* (Bilharzia).

- emberizæ citrinellæ* Dies., 1836d, 253.—1836: Amphist.
- embryo* Olfers, 1816, 110, t. h. *Perca vulgaris*, P. *cernua*.—1816: Dist.
- emendatus* Braun, 1901g, 895, new name for Dist. *meropis* of Par. [not of Rud.] = *Megacetes triangularis* of Looss [not *D. triangulare* Dies.]; t. h. *Merops apiaster*.—1901: *Eumegacetes* (type).
- [*endemica* Sons., 1884, 17, not as specific name.—1884: Dist. 1884: *Bilharzia*.]
- endemicum* Bætz, 1883, 235, t. h. *Homo*; Japan.—1883: Dist. *hepatis*. 1892: D. (*Brachylaimus*). [Opisthorchis *sinensis*.] 1907: *Clonorchis*.
- endemicum hepatis* St.-Remy, 1883, 528, cf. *hepatis endemicum*.—1883: Dist.
- endobala* Ssinitzin, 1906, 685, for *endoloba* (*Opisthioglyphe*).
- endobola* Ssinitzin, 1905, 121, for *endoloba* (*Opisthioglyphe*).
- endoboluum* Mont., 1891, 110, for *endolobum* (Dist.).
- endolobium* Gurlt, 1845a, 288, for *endolobum* (Dist.).
- endolobum* Duj., 1845a, 397, t. h. *grenouilles vertes et rousses, et la Salamandre*; Rennes.—1845: Dist. 1899: *Opisthioglyphe* (type).
- engæi* Haswell, 1893e, 97, t. h. *Engæus fossor*; Gippsland.—1893: *Temnocephala*.
- engei* Mont., 1899, 83, for *engæi* (*Temnocephala*).
- enterarchos* de Fil.—Dist. [1896: D. *crassicolle*.]
- entzi* Ratz, 1900, 534, t. h. *Ardea purpurea*.—1900: *Opisthorchis*.
- epatica* Brera, 1809a, 92, for *hepatica* (Fasc.).
- epatica* Rosa, 1794, 5, in *Ardea purpurea*.—1794: Fasc. [1850: Dist. *heterostomum*.] [1900: ? *Clinost. heterostomum*.]
- epatico* Galli-Valerio, 1893a, 178 (Dist.), see *hepatica*.
- ephemera* Nitzsch, 1807, 33, t. h. *Planorbis corneus*; Halle.—1807: Cerc. 1828: *Histrionella* H. & E., type. [1858: *Glenocerc. flava*.] [1858: Dist. *trigonocephalum*.]
- epiclitum* Fischder., 1904, 458, t. h. *Bos taurus indicus*, *Buffelus indicus*; Cochin China.—1904: *Paramphist*.
- equi* Gmelin, 1790a, 3054, t. h. *Equus caballus*.—1790: Fasc. *hepatica*.
- equi* Burke, 1882a, 322, t. h. *Equus caballus*.—1882: *Hæmatobium*.
- ercolani* Mont., 1893, 40, for *ercolanii*.—1893: Dist.
- ercolanii* Mont., 1893, 40.—1893: Dist. 1895: D. (*Dicrocoelium*). 1901: *Telorchis*.
- ericetorum* Linst., 1898, 761, t. h. *Xerophilus ericetorum*; near Göttingen, Germany.—1898: Cerc.
- erinacei* E. Bl., 1847a, 300, t. h. *Erinaceus europæus*; Paris.—1847: *Brachylæmus*. [1850: Dist. *linguæforme*.] 1889: Dist. [1898: *Mesogonimus*.]
- erinaceum* Poir., 1886, 37, t. h. *Delphinus delphis*.—1886: Dist. 1892: D. (*Dicrocoelium*). [1899: ? *Astia*.] 1904: *Astiotrema*.
- eriosis* Mueller, 1784, 92; [1788], 42, t. h. *Salmo eriox*.—[1788]: Fasc. 1803: Dist. [1850: D. *hyalinum*.]
- erraticum* Rud., 1819a, 120, t. h. *Fringilla linaria*, *Motacilla alba*, *Parus cœruleus*, P. *major*, P. *palustris*, P. *pendulinus*.—1819: Dist. 1899: *Plagiorchis*.
- erraticum* Rud., 1808a, 458; 1809a, 344, t. h. *Larus septentrionalis*; Greifswald, Europe.—1808: Amphist. 1845: Holost.
- erythrini* Ben. & Hesse, 1863, 115; 1864, 115, t. h. *Pagellus erythrinus*.—1863: *Microcotyle*.
- erythrini* Braun, 1890a, 418, for *erythrini* (*Microcotyle*).
- erythrope* Dies., 1855a, 400, based on Cerc. *paludinæ impuræ* Baer, 1827b, 655.—1855: *Cercariæum*. 1858: *Histrionellina*.
- esmarkii* Scott, 1901, 147, t. h. *Gadus esmarkii*; Shetland.—1901: *Octobothrium*.
- esocis lucii* Rud., 1809a, 438, based on Rud., 1803, 29.—1809: Dist.
- euculus* McCrady, 1874, misprint for *cuculus* (*Bucephalus*).
- euryporum* Looss, 1896, 144, t. h. *Milvus parasiticus*; Cairo, Egypt.—1896: *Echinost.*
- eurystomum* Linst., 1877, 183, t. h. *Anas clangula*.—1877: Dist. 1892: D. (*Dicrocoelium*).
- eustemma* Brand., 1888a, 65, *Eustemma caryophyllum* renamed, t. h. *Accipiter pileatus*; Brazil.—1888: Holost.
- exacantha* Mont., 1891, 104, for *hexacantha* (*Placunella*).

- exachanthus* Massa, 1903, 255, for hexacanthus (Trochopus).
- exasperatum* Rud., 1819a, 117, t. h. Sorex eremita; Mus. Vienna.—1819: Dist. 1819: D. (Echinost.). 1845: D. (Brachylaimus).
- excavata* Rud., 1803a, 28, t. h. "Storch," Ardea ciconia; Greifswald.—1803: Fasc. 1809: Dist. 1819: Holost. 1819: Amphist. 1850: Hemist.
- excavatatum* Nord., in Dies., 1850a, 428, renamed nordmanni 1850, in Brama mediterranea.—1850: Trist. [1850: Encotyllabe nordmanni.]
- excisiforme* Cohn, 1902k, 54, t. h. Scomber scomber.—1902: Lecithocladium.
- excissum* Mont., 1891, 520, for excisum (Apoblema).
- excisum* Rud., 1819a, 112, t. h. Scomber scomber at Arimini; S. colias at Naples.—1819: Dist. 1828: Fasc. 1845: Dist. (Crossodera). 1886: D. (Apoblema). 1889: Apoblema. 1899: Hemirus. 1901: Lecithocladium (type). 1902: D. (Lecithocladium).
- excisum* Linst., 1906, 12, t. h. Ægoliulus otus, Strix flammea.—1906: Holost.
- exfoliata* Moul., 1856a, 87, new name for Dist. of Leucochloridium paradoxum.—1856: Cerc.
- exigua* Looss, 1896, 230, t. h. Cleopatra bulimoides; Egypt.—1896: Cerc.
- exiguum* Mueh., 1898, 17, t. h. Circus rufus.—1898: Dist. 1898: Opisthorchis. 1899: Holometra (type).
- exiguum* Mehlis in Crep., 1846, 145, t. h. Cygnus musicus.—1846: Holost.
- exile* Stoss., 1902, 17, t. h. Totanus ochropus.—1902: Cyclocœlum.
- exilis* Looss, 1899b, 628, t. h. Bagrus bayad; Cairo, Egypt.—1899: Leptalea (type). 1900: Emoleptalea (type).
- exocæti* Par. & Perugia, 1893, 1, includes Monost. filum G. Wagener [not Duj.], t. h. Exocætes volitans; Genova.—1893: Didymozoon.
- expansum* Crep., 1842, 327, t. h. Aquila haliaëtus.—1842: Monost. 1892: Dist. 1901: Tocotrema. 1903: Scaphanocephalus (type).
- explanatum* Crep., 1847, 34, t. h. Bos taurus indicus; Berlin.—1847: Amphist. 1904: Paramphist.
- exspinosum* Hausmann, 1896, 391, t. h. Barbus fluviatilis.—1896: Dist. [D. perlatum.] 1899: Asymphyllodora.
- faba* Bremser in Schmalz, 1831, 11, t. h. Parus major, Silvia sibilatrix, Motacilla boarula.—1831: Monost. 1860: Wedlia. 1904: Monostromum, misprint.
- fabaceum* Dies., 1838, 189, in Manatus australis; 1839a, 236, in Manatus exunguis; at Borba and Forte do Rio Branco, Brazil.—1839: Amphist. 1901: Chiorchis (type).
- fabenii* Mol., 1859, 289, t. h. Cantharus vulgaris; Batavii.—1859: Dist. 1886: D. (Brachylaimus).
- factum* Mont., 1893, 32, misprint for fractum (Dist.).
- falcatus* Wedl, 1857, 258, t. h. Cyprinus sp.—1857: Gyrodactylus. 1858: Dactylogyrus.
- falcolacæ* Leidy MS. in Stiles & Hass., 1894d, 250.—1894: Dist. [probably trapezium].
- falconis chrysaëti* Rud., 1809a, 429, D. felleum falconis chrysaëti; Viborg.—1809: Dist.
- falconis milvi* Rud., 1809a, 429, for Fasc. milvi Gmelin.—1809: Dist.
- falconis palumbæ* Baird, 1853a, 47.—1853: Amphist. [1853: Holost. macrocephalum.]
- falconis palumbarii* Rud., 1819a, 88, syn. of macrocephalum (Amphist.).
- falconis palumbi* Viborg, 1795, 243.—1795: Strigea. 1809: Amphist.
- falconis peregrini* Rud., 1819a, 92, t. h. Falco peregrinus; Berlin, Germany.—1819: Amphist.
- falconis rufi* Rud., 1819a, 119, t. h. Falco rufus; Cat. Ent. Vien.—1819: Dist. [1850: D. lineola.]
- falconum* Dies., 1858, 322, t. h. Falco nisus, F. rufus; Ireland.—1858: Holost.
- fallax* Rud., 1819a, 117, t. h. Uranoscopus scaber; Naples.—1819: Dist. (Echinost.). 1860: Echinost. 1899: Anoktost. 1901: Anisogaster (type). 1902: Anisocladium (type).
- fallax* Dies., 1850a, 297, Cerc. VII Baer, C. echinata Sieb., Dist. pacifica Steenstrup, renamed; t. h. Paludina vivipara; Regiomontii (Baer).—1850: Cerc. 1855: C. (Eucerc.). [1858: Dist. militare.] 1858: C. (Gymnocephala).
- fallax* Wagener, 1857, 55, t. h. Cyprinus erythrophthalmus, C. rutilus.—1857: Dactylogyrus.

- farionis* Mueller, 1784, 91, t. h. *Salmo fario*; [1788], 42.—[1788]: Fasc. [1814: Dist. laureatum.] 1891: Dist.
- fasciata* Haswell, 1887a, 284, t. h. *Astacopsis serratus*; N. S. Wales.—1887: Temnocephala.
- fasciatum* Rud., 1819a, 97, t. h. *Labrus tinca*, *L. merops*, *Perca marina*; Naples.—1819: Dist. 1886: D. (*Dicrocoelium*). [1899: *Creadiinae*.] 1901: *Allocreadium*. 1902: *Helicometra*. 1902: *Loborchis*.
- fasciatus* Stoss., 1902, 25, t. h. *Numenius arquatus*; locality?—1902: *Hæmatotrepheus*.
- fascicularis* Villot, 1875, 480, t. h. *Nassa reticulata*; Roscoff.—1875: Cerc.
- fasciolaris* Mueller, 1788.—1788: *Hirudo*. [1790: Fasc. *anatis*.] [1850: Dist. *ovatum*.]
- fastosum* Braun, 1901g, 896, t. h. *Caprimulgus* sp., *Squatarola helvetica*; Brazil.—1901: *Stomylotrema*.
- felineum* Rivolta, 1884, 20, t. h. *Felis catus* dom.; Italy.—1884: Dist. 1893: D. (*Dicrocoelium*). 1895: *Opisthorchis* (type). 1896: *Dicrocoelium*. [1896: *Prosthometra*, type.] 1898: *Campula*. —: Dist. (*Opisthorchis*).
- felineum* of Ward, 1895, 152, see *pseudofelineum*.—1895: Dist.
- felinum* Ratz, 1896, 67, misprint for *felineum* (Dist.).
- felleum falconis chrysaëti* Viborg, 1795, 243.—1795: Dist. [1850: D. *crassiusculum*.]
- fellis* Olss., 1868, 44, t. h. *Anarhichas lupus*.—1868: Dist. 1886: D. (*Brachylaimus*).
- ferocis* Mont., 1888a, 14, apparently for *ferox* (Dist.).
- ferox* Rud., 1795a, 15, t. h. *Ardea ciconia*; Greifswald.—1795: Fasc. 1803: Dist. 1809: D. (*Echinost.*). 1828: *Echinost.*
- ferruginosum* Linst., 1877, 184, t. h. *Barbus fluviatilis*.—1877: Dist. [1894: D. *perlatum*.]
- ferrum-equinum* Dies., 1836d, 238, t. h. *Cataphractus murica*, *C. corome*; Cuyaba and Matogrosso, Brazil.—1836: *Amphist.*
- festæ* Borelli, 1898, 6 pp.—1898: Plan.
- filaria* Bosc, 1802a, 261.—1802: Plan.
- filarina* Ben., 1858 or 1861, 108, t. h. *Sciæna aquila*; Ostend.—1858: *Nematobothrium* (type). 1859: *Monost.*
- filicolle* Rud., 1819a, 85, t. h. *Brama raji*; Naples.—1819: *Monost.* (*Monost.*). 1858: Dist. 1860: *Köllikeria* (type). 1886: D. (*Köllikeria*).
- filicolle* Mont., 1893, 150.—1893: *Didymozoon*.
- filiferum* Sars, 1885, 222, t. h. *Nematoscelis megalops*, *Thysanoëssa gregaria*; South Atlantic Ocean.—1885: Dist.
- filiforme* Rud., 1819a, 112, t. h. *Cepola tænia*, at Arimini; *C. rubescens*.—1819: Dist.
- filigerum* Rud., teste Risso, 1826, 262, de la castagnolle.—1826: *Monost.*
- filum* Duj., 1845a, 418, t. h. *moineaux*; Rennes.—1845: Dist. (*Brachylaimus*).
- filum* Duj., 1845a, 362, t. h. *Scomber scombrus*; Rennes.—1845: *Monost.*
- fimbriata* Gæze, 1782a, 180.—1782: Fasc. [1810: *Caryophyllæus mutabilis*.]
- fimbriatum* Busch, 1851, 99, t. h. *Sagitta*.—1851: Dist.
- fimbriatum* Mol., 1859, 819, t. h. *Anguilla vulgaris*; Batavii.—1859: *Gasterost.*
- fimbriatum* Sieb., 1848, v. 1, 129, t. h. *Perca fluviatilis*, *Lucioperca*; Europe.—1848: *Gasterost.* (type).
- fintæ* Ben. & Hesse, 1863, 1864, 101, t. h. *Alosa finta*.—1863: *Ophicotyle* (type). 1879: *Octobothrium*.
- fintæ* Mont., 1888a, 13.—1888: *Glossocotyle*.
- fissa* Bory de St. Vincent, 1824a, 456.—1824: *Histrionella*. [1850: *Malleolus furcatus*.]
- fissicanda* Moul., 1856a, 109, for *fissicauda* (Cerc.).
- fissicauda* Dies., 1858d, 243, *cristata* Valette renamed.—1858: *Lophocerc.* (type).
- fissicauda* Dies., 1858d, 269, *ocellata* (Cerc.) renamed.—*Histrionellina*.
- fissicauda* La Valette, 1855, 21, t. h. *Limnæus stagnalis*.—1855: Cerc. 1858: C. (*Schizocerca*).
- fissicaudata* Mont., 1888, 196, for *fissicauda* (Cerc.).
- flaccida* Mueller, 1774, 57, free form.—1774: Fasc. 1776: Plan.
- flagellatum* Moniez, 1891, 27, t. h. *Gymnotus electricus*.—1891: Dist.
- flava* Stoss., 1903, 373, t. h. *Centropristis hepatus*; Triest.—1903: *Helicometra*.

- flava* La Valette, 1855, 24, C. ephemera Nitzsch renamed.—1855: Cerc. 1858: Glenocerc. 1858: Monost. [See flavium.]
- flavescens* Ben., 1870, 47, t. h. Gobius jozo, G. minutus.—1870: Dist. 1886: D. (Brachylaimus).
- flavescens* Pag., 1857, 34, t. h. Bulimus radiatus; Heidelberg.—1857: Dist. 1858: Cercariæum.
- flavocinctum* Linst., 1879, 183, t. h. Anguis fragilis.—1879: Dist. [1897: D. crassicolle.]
- flavopunctata* Par., 1894, 703, for fulvopunctata (Cerc.).
- flavum* Mehlis, 1831, 172, t. h. Anas mollissima, A. fusca, A. marila, A. fuligula.—1831: Monost. 1858: Glenocerc. 1902: Typhlocœlum (type). [See flava.]
- flexum* Lint., 1892, 98, t. h. Oedemia americana.—1892: Dist. 1899: Echinost.
- flexuosum* Rud., 1808a, 346; 1809a, 50, t. h. Talpa europæa.—1809: Dist. 1845: D. (Dicrocœlum). 1899: Omphalometra (type).
- fodicans* Braun, 1901g, 896, t. h. Sterna nigra; Vien. Mus. no. 631.—1901: Cathæmasia.
- fœcundum* Lint., 1900, 269, t. h. Lopholatilus chamæleonticeps.—1900: Dist.
- fœtorii* Linst., 1876, 1, t. h. Fœtorius putorius.—1876: Tetracotyle.
- foliaceum* Mol., 1859, 288, t. h. Gobius paganellus; Batavii.—1859: Dist.
- foliaceum* Rud., 1819a, 83, t. h. Accipenser sturio; Arimini.—1819: Monost. (Monost.). 1859: Amphilina.
- foliaceum* Goto, 1894a, 248, host unknown.—1894: Trist.
- foliatum* Lint., 1898, 532, t. h. Mola mola.—1898: Dist. 1902: Orophocotyle. 1904: Accacœlium.
- folii* Looss, 1894a, 256, Dist. duplicatum.—1894: Cerc.
- foliiforme* Crep., 1846, 149, t. h. Squalus griseus.—1846: Dist.
- foliiforme* Braun, 1899g, 490, t. h. Ardea purpurea; Italy.—1899: Clinost.
- folium* Olfers, 1816, 45, t. h. Esox lucius.—1816: Dist. [1894: Rhopalocerca tardigrada, type.] 1899: Spathidium (type). 1899: Phyllodist. (type). [1906: Gorgoderina.]
- forceps* Leuck. (1857), 26.—1857: Dactylogyrus.
- forcipata* Mueller, 1786, 134, in aqua palustri rarissime.—1786: Cerc. 1827: Dicranophorus.
- formosum* Sons., 1890, 134, t. h. Grus cinerea.—1890: Dist. 1892: Polyorchis.
- formosum* Staff., 1904, 486, t. h. Hippoglossus hippoglossus; Canada.—1904: Steganoderma (type).
- formosum* Pratt, 1903, 34, t. h. a frog.—1903: Ostiolum (type).
- fractum* Rud., 1819a, 107, t. h. Sparus salpa; Naples.—1819: Dist. 1886: D. (Podocotyle). 1898: Podocotyle.
- fragile* Lint., 1900, 269, t. h. Mola mola.—1900: Dist. 1904: Stenocollum (type).
- fragile* Olss., 1869, 4, t. h. Raja batis; Norway.—1869: Microbothrium. 1890: Pseudocotyle. [1897: Micropharynx parasitica, type.]
- fraterculus* Odhn., 1905, 343, t. h. Phoca barbata, Odobenus rosmarus; Spitzbergen.—1905: Orthosplanchnus.
- fraterna* Odhn., 1902, 19, t. h. Harelda glacialis.—1902: Cyathocotyle.
- fraternum* Looss, 1894, 42, t. h. Pelecanus onocrotalus; Egypt.—1894: Dist. 1899: Cœnogonimus. 1899: Cotylogonimus. 1902: Heterophyes.
- frœlichii* Kowal., 1894, 3.—1894: Dist. 1894: Echinost. [1898: E. conoideum.]
- fulgopunctata* Braun, 1893a, 831 for fulvopunctata (Cerc.).
- fuligulæ ferinæ* Dies., 1858e, 355, based on Bellingham, 1844, v. 13, 430, t. h. Anas ferina; Ireland.—1855: Dist. [1892: Echinost. echinatum.]
- fulva* Bosc., 1802a, 257.—1802: Plan.
- fulvopunctata* Erc., 1881 or 1882, see Par., 1894, 161, t. h. Bythinia tentaculata; Bologna.—Cerc.
- fulvum* Rud., 1819a, 98, t. h. Gadus molva at Naples; G. mediterraneus.—1819: Dist.
- fulvum* Duj., 1843, 340, t. h. Sorex.—1843: Brachylaima.
- furcata* Nitzsch, 1817, 49.—1817: Cerc. 1838: Malleolus (type).
- furcatum* Bremser, in Rud., 1819a, 107, t. h. Mullus surmuletus, M. rubescens at Arimini; Gadus molva at Naples.—1819: Dist. 1828: Fasc. 1845: D. (Podocotyle). 1898: Podocotyle.

[*furcata* Eichwald, 1829a, 247.—Cerc.]

furcigerum Olss., 1868, 26, t. h. *Pleuronectes limanda*, *P. limandoides*.—1868: Dist. 1886: D.(*Dicrocoelium*). 1904: *Leioderma* (type). 1905: *Steringophorus* (type).

fusca Bosc., 1802, 271, in dorade.—1802: Fasc. 1885: Dist.

[*fusca* Sluiter, 1900, 7, (Dist.), a tunicate.]

fusca Pallas, 1774, 21, in aq. stag.; Europe.—1774: Fasc.

fusca Fabricius, 1798, 58, syn. Fasc. *angulata*.—1798: Plan.

[*fusca*, (Diplost.) mammal.]

fuscatum Rud., 1819a, 101, t. h. *Tetrao coturnix*; Ancona.—1819: Dist. —: D. (*Dicrocoelium*). 1902: Harmost.

fuscescens Rud., 1819a, 113, t. h. *Sparus dentex*; Arimini.—1819: Dist. 1886: D. (*Dicrocoelium*).

fuscescens Fabricius, 1798, 58.—1798: Plan.

fusiforme Luehe, 1901, 476, t. h. *Conger conger*; Coll. Berlin.—1901: *Lecithochirium*.

fusiforme Zed., 1800a, 163, Fasc. *upupæ* Schrank, 1790, renamed.—1800: Dist. [1850: D. *involutum*.]

fusiformis Goto, 1894a, 192, t. h. *Centronotus rubulosus*; Japan.—1894: *Microcotyle*.

gadi Dies., 1855, 64, based on Bellingham, 1844, 428, t. h. *Gadus æglefinus*; Ireland.—1855: Dist.

gadi æglefini Dies., 1858e, 341, based on Bellingham, 1844, 428; renamed *anonymum* 1858e, 341.—1858: Dist.

gadum Ben., 1870, 60, t. h. *Merlangus carbonarius*.—1870: Echinost.

gadum Rathke, 1799, 68.—1799: *Hydatula*. 1851: *Nematoideum*. 1878: *Gasterost*.

galactosomum Leidy, 1888i, 166, t. h. *Labrax lineatus*; U. S. A.—1888: Dist.

galeatum Rud., 1819a, 86, t. h. *Centronotus glaucus*; Naples.—1819: Monost. (Monost.). 1898: *Gasterost*.

gammari Rentsch, 1860, 35, t. h. *Gammarus ornatus*.—1860: Dist.

gammari Linst., 1877, 186, t. h. *Gammarus pulex*.—1877: Dist.

gammari ornati Rentsch, 1860, pl. 12, fig. 2, see *gammari* (Dist.).

garzettæ MacCallum, 1904, 541, t. h. *Garzetta nigripes* Temm.—1904: Echinost.

gastrocolum Leidy, 1891a, 414, t. h. *Trichiurus lepturus*; U. S. A.—1891: Dist.

gastroporus Luehe, 1901p, 166, t. h. *Rana cyanophlyctis*; India.—1901: *Pleurogenes*.

gelatinosum Rud., 1819a, 102, t. h. *Testudo mydas*; Arimini.—1819: Dist. 1895: D. (*Dicrocoelium*). 1901: *Rhytidodes* (type).

gelatinosum of Poir., see *poirieri*.

gemellatum Mont., 1892, 716, for *gemellum* (Monost.).

gemellum Steenstrup, 1860, 113, t. h. *Sphyræna baracuda*.—1860: Monost.

geminum Bremser in Schmalz, 1831, 13, for *M. faba*.—1831: Monost. [1853: *M. faba*.]

geminum Looss, 1896, 50, t. h. *Milvus parasiticus*; Cairo.—1896: Dist. 1898: *Opisthorchis*.

genata Looss, 1907, 488, t. h. *Pelecanus onocrotalus*; Egypt.—1907: *Pygidiopsis* (type).

geniculatum Dies., 1850a, 373, D. *physophoræ* renamed, t. h. *Physophora tetrasticha*; Naples.—1850: Dist.

genu Rud., 1819a, 107, t. h. *Labrus luscus*; Naples.—1819: Dist. 1901: *Allocreadium*.

gesserensis Bosc, 1802a, 262.—1802: Plan.

giardi Stoss., 1898, 50, for *giardii* (Dist.).

giardii Stoss., 1889, 25, t. h. *Naucrates ductor*; Triest.—1889: Dist.

gibba Mueller, 1773, 120, in infusione *jungermanniæ tamarisci*.—1773: Cerc. 1827: *Macrocerus*.

gibba Fil., 1854b, 266, t. h. *Lymnæus pereger*.—1854: Cerc. 1855: C. (*Xiphidiocerc*). 1858: C. (*Acanthocephala*).

gibbosa Rud., 1802b, 81, t. h. *Esox belone*.—1802: Fasc. 1809: Dist. 1845: D. (*Podocotyle*). 1901: *Lecithaster*.

gibbum Mehlis in Crep., 1846, 137, t. h. *Fulica atra*.—1846: Monost.

giganteum Dies., 1858e, 331, *gigantica* Cobbold, 1855, renamed.—1858: Dist. 1892: *Cladocœlium*.

- giganteum* Dies., 1836d, 238, pl. 22, figs. 5–6, t. h. *Dicotyles albirostris* at Nas Frechas and Caicara, and *D. torquatus* at Matogrosso; Brazil.—1836: Amphist. 1901: *Cladorchis* (*Stichorchis*, type).
- gigantica* Cobbold, 1855a, 262, t. h. *Giraffa camelopardalis*.—1855: Fasc.
- gigantocotyle* Brand., in Otto, 1896, 103, t. h. *Hippopotamus*.—1896: Amphist.
- gigas* Nardo, 1827, 68, t. h. *Proctostegus proctostegus*.—1827: Dist.
- glabrum* Crep., 1846, 148, t. h. *Salamandra maculosa*.—1846: Dist.
- glandulosum* Looss, 1896, 64, t. h. *Taphosus nudiventris*; Ghizeh.—1896: Dist. 1899: *Lecithodendrium*.
- glauca* Mueller, 1774, 60.—1774: Fasc. 1787: Plan.
- glauca* Bergh, 1884, 18, t. h. *Glaucus atlanticus*, etc.—1884: Dist.
- globicaudatum* Crep., 1849a, 64, for *globocaudatum* (Dist.).
- globifera* Lamarck, 1816, 182, for *globipora*.—1816: Fasc. 1816: Dist.
- globiparum* Ehrenberg, 1837b, Feb., 199, for *globiporum* (Dist.).
- globipora* Rud., 1802b, 72, t. h. *Cyprinus erythrophthalmus*.—1802: Fasc. 1809: Dist. 1845: *D.* (*Brachylaimus*). 1886: *D.* (*Dicrocoelium*). 1898: *Sphaerost.* (type).
- globipora* Erc., 1881 or 1882, see Par., 1894, 164, t. h. *Bythinia tentaculata*; Bologna.—Cerc.
- globiporum tinæ* Rud., see Dies., 1850a, 395.—1850: Dist. [1850: *D. perlatum*.]
- globocaudatum* Crep., 1825, 49, t. h. *Corvus cornix*.—1825: Dist. 1845: *D.* (*Brachylaimus*).
- globosum* Ben., 1858a, 1861a, 193, quotes Siebold.—1858: Dist. [See also *D. orbiculare*.]
- globulus* Rud., 1814a, 104, t. h. *Anas fuligula*; Greifswald.—1814: Dist. [1902: *Psilost.*]
- glotoides* Klein, 1905, 72, t. h. *Rana hexadactyla*.—1905: Ganeo (type).
- gobii* Rentsch, 1860, 43, t. h. *Gobius minutus*.—1860: Dist.
- gobii* Stoss., 1883, 116, t. h. *Gobius jozo*, in int.; Triest.—1883: Dist. 1886: *D.* (*Dicrocoelium*). 1902: *Loborchis*. 1904: *Helicometra*.
- gobii* Stoss., 1898, 58, encysted on intest. of *Gobius jozo*; Triest, Austria.—1898: Agamodist.
- gobii minuti* Rentsch, 1860, for *gobii* Rentsch (Dist.).
- goliath* Ben., 1858b, 95, t. h. *Balaena*.—1858: Dist. [1902: *Lecithodesmus* (?type).] 1905: *Lecithodesmus* (type).
- goliath* of Lœnnberg, 1891, 71.—Dist. [1902: *Lecithodesmus* (type).]
- gonocephala* Ackermann, 1905, 137.—1905: Plan.
- gorgoderæ cygnoides* Kowal., 1904, 24, in *Cyclas cornea*; Dublany.—1904: Cerc.
- loossi* (Cerc.) Ssintizin, 1905, see under *loossi*.
- pagenstecheri* (Cerc.) Ssintizin, 1905, see under *pagenstecheri*.
- varsoviensis* (Cerc.) Ssintizin, 1905, see under *varsoviensis*.
- vitelliloba* (Cerc.) Ssintizin, 1905, see under *vitelliloba*.
- gorgon* Lint., 1905, 327, t. h. *Seriola lalandi*; Beaufort, N. C.—1905: Gasterost.
- gracile* Fischer., 1901a, 368, t. h. *Bos kerabau* from Ceylon; *Portax tragocamelus*.—1901: Paramphist.
- gracile* Leidy, 1856, 45, t. h. *Pomotis vulgaris*, *Esox*.—1856: Clinost. (type). 1858: Dist.
- gracile* Rud., 1809a, 326, based on Acharius, 1790, 55, t. h. *Salmo eperlanus*.—1809: Monost. (Hypost.).
- gracile* Rud., 1819a, 89, t. h. *Mergus merganser*, *M. albellus*; Mus. Vienn.—1819: Amphist. 1845: Holost.
- gracilescens* Rud., 1819a, 111, t. h. *Lophius piscatorius*; Triest.—1819: Dist. 1852: Gasterost. 1858: *Rhipidocotyle* (?type). [*Bucephalus haimeanus*.]
- gracilis* Fil., 1837, 336, t. h. *Planorbis nitidus*; Italy.—1837: Redia (type). [1855: *Diplocotyle mutabilis*.]
- gracilis* Kath., 1894a, 129, t. h. see p. 278.—1894: *Gyrodactylus*.
- gracilis* La Valette, 1855, 20, t. h. *Planorbis corneus*.—1855: Cerc. 1858: *C.* (*Schizocerca*).
- gracilis* Wedl, 1861, 480, t. h. *Hydrocyon dentex*.—1861: *Dactylogyrus*.

- gracilis* Looss, 1901e, 660, t. h. Uranoscopus scaber; Triest.—1901: Anisogaster.
- grande* Dies., 1839a, 237, t. h. Chelys, Phrynos, Peltoccephalus, Podocnemis, Rhinemys; Brazil.—1839: Amphist.
- grande* Rud., 1819a, 676–677, t. h. Platalea ajaja; Brazil.—1819: Dist. 1902: Mesaulus (type).
- grande* Dies., 1850a, 307, t. h. Ardea leuce, A. agami; Brazil.—1850: Diplost. 1890: Hemist. [1890: H. macropteron.]
- grandiporum* Rud., 1819a, 110, t. h. Muræna helena; Naples.—1819: Dist. 1886: D. (Apoblema). 1889: Apoblema. 1899: Hemius. 1901: Lecithochirium.
- granulosum* Looss, 1907, 483, t. h. Vesperugo kuhli; Cairo, Egypt.—1907: Lecithodendrium.
- granulum* Rud., 1809a, 394, includes Fasc. scorpii Mueller; t. h. Cottus scorpius.—1809: Dist.
- grassum* Biermer, 1863a, 395, for crassum (Dist.).
- gregarius* Looss, 1896b, 5, t. h. Egyptian buffalo; Egypt.—1896: Gastrothylax.
- grisea* Cerf., 1899a, 376, t. h. Hexacanthus griseus.—1899: Squalonchocotyle.
- grisea* Bosc, 1802, 257.—1802: Plan.
- grænlandicus* Levin., 1881a, 78, t. h. Cottus scorpius; Egedesminde.—1881: Gyrodactylus.
- grossa* Mueller, 1774, 67.—1774: Fasc. 1776: Plan.
- grossa* Mueller, 1788, 21.—1788: Hirudq. 1865: Phylline. 1828: Malacobdella.
- grossa* Goto, 1894a, 220, t. h. Thynnus sp.; Misaki, Japan.—1894: Hexacotyle.
- gruis* Gmelin, 1790a, 3055, t. h. Grus.—1790: Fasc. 1803: Dist. [1850: D. echinatum.]
- guernei* Moniez, 1891, 148, t. h. Thynnus alalonga; Europe.—1891: Nematobothrium.
- gulo* Mueller, 1774, 56, free form.—1774: Fasc. 1776: Plan.
- gulosum* Lint., 1901, 415, t. h. Rhombus triacanthus.—1901: Dist.
- gurltii* Cobbold, 1860a, 42, t. h. Lacerta agilis.—1860: Monost.
- gurnardi* Ben. & Hesse, 1863, 1864, 103, t. h. Trigla gurnardus.—1863: Phyllocotyle (type).
- gurnardi* Ben. & Hesse, 1863, 1864, 96, t. h. Trigla gurnardus.—1863: Platycotyle (type).
- [*gutturalis* (Bucephalus), reptile.]
- gyrini* Linst., 1884, 141, t. h. tadpole of Rana temporaria.—1884: Dist.
- gyrinus* Mueller, 1773, 64, in infusioni animali raro.—1773: Cerc. 1827: Macrocerus.
- hæmatobe* Ben., 1858a, 1861a, 219, for hæmatobium (Dist.).
- hæmatobia crassa*, see crassa.—1895: Bilharzia.
- hæmatobia magna* Kowal., 1895, see magna.—1895: Bilharzia.
- hæmatobium* Bilharz, 1852a, 72, t. h. Homo; Egypt.—1852: Dist. 1858: Schistosoma (type). 1858: Gynæcophorus (type). 1859: Bilharzia (type). 1860: Thecosoma (type). 1886: D. (Bilharzia). [Hæmatobium.]
- hæmatobium venæ portarum* Hœck or Pag., 1859, 42, for hæmatobium (Dist.).
- hæmatobium hominis* Dies., 1855, 63, for hæmatobium.—1855: Dist. [1895: Bilharzia.]
- hæmatoma* Braun, 1891d, 426, see hematoma (Dist.).
- haimeanus* Lacaze-Duthiers, 1854a, 294, t. h. Ostrea edulis, Cardium rusticum; Balearic Isles, Mahon, Cete.—1854: Bucephalus. 1855: B. (Bucephalopsis, type). 1856: Cerc. [Gasterost. grascilescens.]
- haimejanus* Erc., 1881e, 41, 87, for haimeanus (Bucephalus = Cerc.).
- halecis* Gmelin, 1790a, 3058, based on Leeuwenhoek, epist. 97, 47, t. h. halece.—1790: Fasc. 1803: Dist. [1809: Dist. ocreatum.]
- halosauri* Bell, 1887, 116, t. h. Halosaurus macrochis; Cape St. Vincent. 1887: Dist.
- hamatum* Rathke, 1843, 238, “for Phylline hippoglossi,” on Pleuronectes hippoglossus; Europe.—1843: Trist. [1850: Phylline hippoglossi.] [1858: Epibdella hippoglossi.] [1879: Trist. hippoglossi.]
- hameatobia* Kowal., 1895g, 58, for hæmatobia (Bilharzia).
- harengi* Ben. & Hesse, 1863, 1864, 98, t. h. Clupea harengus.—1863: Octocotyle. 1879: Octobothrium. 1889: Octoplectanum.
- hassalli* Goto, 1895, 352, t. h. Kinosternon pennsylvanicum; Md., U. S. A.—1895: Polyst.

- hasta* Looss, 1902m, 686, t. h. *Chelone mydas*; Egypt.—1902: Octangium.
- hawkesi* Sons., 1895, 187, for *hawkesii*, Amphist. (*Pseudodiscus*).
- hawkesi* Braun, 1893d, 466, for *hawkesii* (Amphist.).
- hawkesii* Cobbold, 1875n, 818, t. h. *Elephas indicus*; India.—1875: Amphist. 1895: A. (*Pseudodiscus*).
- helicis* Meckel [? see *helicis pomatiae*]. *Cercariæum*. [1899: Dist. leptosomum.]
- helicis* Leidy, 1847, 220, t. h. *Helix alternata*.—1847: Dist. [1855: *Cercariæum helicis alternatae*.] [1858: *Cercariæum vagans*.]
- helicis alternatae* Dies., 1855a, 389, Dist. *helicis* Leidy 1847 renamed.—1855: *Cercariæum*.
- helicis asperæ* Dies., 1850a, 302, t. h. *Helix aspera*, based on Duj., 1845a, 472.—1850: Heterost. 1850: Dist. 1855: *Cercariæum*.
- helicis asperæ* Dies., 1855a, 398, for *helicis asperæ*.—1855: Heterost. 1855: *Cercariæum*. 1856: Cerc.
- helicis carthusianellæ* Par., 1894, 164, t. h. *Helix carthusianella*; Bologna.—1894: Cerc.
- helicis maculosæ* Par., 1894, 164, t. h. *Helix maculosa*; Bologna.—1894: Cerc.
- helicis pomatiæ* Dies., 1850a, 303, based on Meckel, 1846, 5, t. h. *Helix pomatia*.—1850: Heterost. 1850: Dist. 1855: *Cercariæum*.
- helicis viviparæ* Dies., 1850a, 298, t. h. *Paludina vivipara*; Vilnæ.—1850: Cerc.
- helluo* Mueller, 1774, 64.—1774: Fasc. 1787: Planaria.
- helostomatis* MacCallum, 1905, 673, t. h. *Helostoma temmincki*; Palembang, Sumatra.—1905: Cladorchis.
- heluans* Braun, 1899g, 490, t. h. *Ardea coerulea*, *Nycticorax gardeni*; Rio de Janeiro.—1899: Clinost.
- hematoma* Semprum, 1890, 596, in *Homo*; Cuba.—1890: Dist.
- hemicyclum* Mol., 1859, 829, t. h. *Belone acus*; Batavii.—1859: Dist. 1886: D. (Echinost.).
- hendorfii* Lint., 1889, 163, t. h. *Coryphæna hippurus*; Caleta buena, Chile.—1889: Phylline. 1894: Epibdella. 1902: E. (Phylline). 1903: E. (Benedenia).
- hendorfi* Mont., 1902, 144, for *hendorfii* (Epibdella).
- hepatica* Røederer, 1762, 537, see *Fasc. muris*.
- hepatica* Linn., 1758a, 648, t. h. *Ovis aries*; Europe.—1758: Fasc. (type). —: Dist. (type). 1836: Dyst. 1845: Dist. (*Cladocœlium*, type). 1845: *Fasciolaria*. 1863: Dist. (Fasc.). 1892: *Cladocœlium* (type).
- hepatica angusta* Rail., 1895, 338, t. h. cattle; St. Louis, Senegal, Africa.—1895: Fasc. 1898: Dist.
- hepatica apri* Gmelin, 1790a, 3054, based on Le Clerc, 1715a, 119; t. h. *Susscrofa*.—1790: Fasc.
- hepatica boum* Gmelin, 1790a, 3054, t. h. *Bos taurus*; Europe.—1790: Fasc.
- hepatica caviæ* Sons., 1896, 112, t. h. *Cavia*.—1896: Fasc.
- hepatica cervi* Gmelin, 1790a, 3054, t. h. *Cervus*.—1790: Fasc.
- hepatica equi* Gmelin, 1790a, 3054, t. h. *Equus caballus*.—1790: Fasc.
- hepatica ovata plana Buchholzii* Jørdens, 1802, 64.—1802: Fasc. [*Dicrocœlium lanceatum*.]
- hepatica porcorum* Gmelin, 1790a, 3054, t. h. *Sus scrofa* dom.; Europe.—1790: Fasc.
- hepaticum* Betegh, in Gomy, 1898, 328, for “amphistome hépatique” = A. *explanatum*.—1898: Amphist.
- hepaticum ægyptiaca* Looss, 1896b, 33, t. h. buffles, bœufs, moutons; Egypt.—1896: Dist. 1898: Fasc.
- hepaticum (perniciosum)* Taylor, 1884, 52, see *hepatis perniciosum*.—1884: Dist.
- hepaticum suis* Willach, 1893, 40, t. h. *Sus scrofa* dom.—1893: Monost. [1894: *Cysticercus tenuicollis*.]
- hepatis endemicum* Bælz, 1883, 234, t. h. *Homo*; Japan.—1883: Dist. [1907: *Clonorchis*.]
- hepatis innocuum* Caræs, 1888a, 41, for h. *innocuum* (Dist.).
- hepatis innocuum* Bælz, 1883, 236, t. h. *Homo*; Japan.—1883: Dist. [1907: *Clonorchis sinensis*.]

- hepatitis perniciosum* Baelz, 1883, 234, t. h. Homo; Japan.—1883: Dist. [1907: *Clo-norchis endemicum*.]
- hepatium* Rivolta, 1884, 27, for hepaticum (Dist.).
- herdmani* Shipley & Hornell, 1904, 78, t. h. *Margaritifera vulgaris*; Ceylon.—1904: Musalia (type).
- heteracanthus* Massa, 1903, see heteracanthus (Trochopus).
- heteracanthus* Massa, 1903, 252, t. h. *Trigla corax*.—1903: Trochopus.
- heterobranchi* Wedl, 1861, 478, t. h. *Heterobranchus anguillaris*; Egypt.—1861: Mono-cerca, type.
- heterocerca* Goto, 1894a, 197, t. h. *Seriola quinqueriata*; Hiroshima (Ujina Port), Mitsugahama, and Mitsaki, Japan.—1894: Axine.
- heteroclitum* Mol., 1859, 289, t. h. *Perdix coturnix*; Batavii.—1859: Dist. 1892: Mesogonimus. 1899: Clinost.
- heterocotyle* Ben., 1870, 67, t. h. *Clupea sprattus*.—1870: Octost. 1879: Octobothrium. 1885: Octoplectanum.
- heterolecithodes* Braun, 1899, 3, t. h. *Porphyrio porphyrio*; Madagascar, Africa.—1899: Dist. 1899: *Athesmia* (type).
- heteromorphum* Crep., 1837a, 317, t. h. *Trigonocephalus* sp.—1837: Dist.
- heterophyes* Perroncito, 1879, 6, for heterophyes (Dist.).
- heterophyes* Sieb., 1853, 62, t. h. Homo; Egypt.—1853: Dist. 1866: [Heterophyes, type.] 1858: Dicrocoelium. 1860: Fasc. 1890: Mesogonimus. 1899: Cœnogoni-mus (type). 1899: *Cotylogonimus* (type). 1900: Heterophyes (type).
- heterophyes hominis* Dies., 1855, 64, for heterophyes.—1855: Dist.
- heteroporum* Duj., 1845a, 402, t. h. *Vespertilio pipistrellus*; Rennes.—1845: Dist. (Brachycoelium). 1899: *Pycnopus* (type). 1899: *Lecithodendrium*.
- heterostomum* Rud., 1809a, 50, t. h. *Ardea purpurea*; t. l. apparently Europe.—1809: Dist. 1845: Dist. (Dicrocoelium). 1899: Clinost. 1899: Dicrocoelium.
- heurteli* Poir., 1885, 9, t. h. *Thynnus vulgaris*.—1885: Dist.
- hexacantha* Par. & Perugia, 1889, 740, t. h. *Serranus gigas*; Genova.—1889: Placunella. 1906: Trochopus.
- hians* Rud., 1809a, 359, t. h. *Ardea nigra*; Greifswald.—1809: Dist. 1845: Dist. (Dicrocoelium). 1899: *Cathæmasia* (type).
- hiatula* Goto, 1899a, 281, t. h. *Hiatula onitis*; Newport, R. I.—1899: Microcotyle.
- hillii* Johnston, 1904, 110, t. h. *Larus novæ hollandiæ*.—1904: Holost.
- himantopodis* Rud., 1819a, 87, t. h. *Charadrius himantopus*; Cat. Mus. Vien.—1819: Monost.
- hippocrepis* Dies., 1850a, 324, t. h. *Hydrochærus capybara*; Brazil. 1850: Monost.
- hippoglossi* Oken, see Tasch., 1878, 568.—1878: Trist. 1879: (Epibdella). 1899: Phyllonella.
- hippoglossi pleuronectes* Mont., 1889, 117 (Epibdella) see Trist. uncinatum.
- hippoglossi* Mueller, 1776a, 220 t. h. *Hippoglossus*; Denmark.—1776: *Hirudo*. 1815: Phylline (type?). 1828: Epibdella (type). 1878: Nitzschia. 1899: Phyllonella. 1905: Phyllonella (Epibdella). [Entobdella.]
- hippoglossii* Ben., 1858a, 1861a, 21 for hippoglossi Mueller, 1776.—1858: Epibdella. 1858: Nitzschia. 1858: Nitchia. [1878: Trist.]
- hippopodii* Vogt, 1854, 97, t. h. *Hippopodius leteus*; Quoy et Gaimard, Mediterranean.—1854: Dist.
- hirudinis* Brand., 1888a, 13, for hirudinis (Dist.).
- hirsutum* Looss, 1896b, 68, t. h. *caméléon*; Alexandria, Egypt.—1896: Dist. 1899: *Lecithodendrium*.
- hirta* Mueller, 1786, 128, in aqua marina bis tantum.—1786: Cerc. 1827: Coleps, type.
- hirudinaceum* Bartels, 1834, 61, t. h. *Salmo lavaretus*; St. Petersburg.—1834: Octobo-thrium. 1845: Octobothrium (Cyclocotyle). [1850: Discocotyle.] 1858: Placo-plectanum (Discocotyle).
- hirudinis* Mont., 1888, 10, for hirudinis (Echinella).
- hirudinis* Henle, see Dies, 1850a, 418, t. h. *Hirudo vulgaris*.—1850: Dist. [1850: Hepast. hirudinum.]
- hirundinum* Zed., 1800a, xvii, 163, for hirundinis Frœlich.—1800: Dist. [1850: D. maculosum.] [1902: *Plagiorchis maculosus*.]

- hirudinum* Schomburgk, 1844, 136, includes *hirudinis*, t. h. *Nephelis vulgaris*, *Clepsine complanatum*.—1844: Heptost. (type). [Heptast.]
- hirudo* Dies., 1836d, 238, t. h. *Palamedea cornuta*; Engenho do Cap Gama, Brazil.—1836: Amphist.
- hirudo* Johnston, 1846a, 437.—Planaria.
- hirundinaceum* Dies., 1850a, 424, for *hirudinaceum* (*Discocotyle*).
- hirundinis* Frelich, 1791, 75, t. h. *Thurmschwalbe*.—1791: Fasc. 1800: Dist.
- hirundinis* Ben. & Hesse, 1863, 1864, 94, t. h. *Trigla hirundo*.—1863: *Echinella* (type). 1878: *Udonella*.
- hispida ventriculi accipenseris sturionis* Viborg, 1795, 243; see *hispidum*.—1795: Dist.
- hispidum* Abildg. in Rud., 1819a, 118, 423, t. h. *Accipenser sturio*; Arimini, Berlin.—1819: Dist. (*Echinost.*). 1858: *Echinost.* 1902: *Deropristis* (type).
- histiophori* Bell, 1891a, 534, t. h., *Histiophorus brevirostris*.—1891: Trist. [1899: T. læve.]
- histrionella* Ehrenberg.—Cerc.
- histrix* Dies., 1850a, 393, for *hystrix* (Dist.) Duj., 1845.—1850: Dist. 1904: *Stephanochasmus*.
- histrix* Mol., 1858, 128, t. h. *Pelophylax esculentus*; Patavii.—1858: Monost.
- hæmatobia* Bourel-Roncière, 1878a, 116, for *hæmatobia* (*Bilharzia*).
- holostomoides* Mehlis in Crep., 1846, 148, t. h. *Colymbus cristatus*.—1846: Monost. 1904: *Taphrogonimus*, type.
- holostomum* Rud., 1819a, 94, t. h. *Rallus aquaticus*; Vien. Mus.—1819: Dist. 1892: *Cladocœlium*. [1902: *Urogonimus macrostomus*.]
- homœostomum* Dies., 1858, 343, based on Bellingham, 1844, 428, t. h. *Trigla* (Pini) cuculus; Ireland.—1858: Dist.
- hominis* Lewis & McConnell, 1876, 182, t. h. *Homo*; Calcutta, India.—1876: Amphist. 1895: A. (*Gastrodiscus*). 1896: *Gastrodiscus*.
- hominis* Dies., 1855, 63.—1855: Dist. *hæmatobium*.
- hominis* Dies., 1855, 64.—1855: Dist. *heterophyes*.
- hominis* Taylor, 1884, 44, see sub *Distomata*.
- homolostomum* Linst., 1887, 104, t. h. *Limnæa stagnalis*.—1887: Dist.
- horridum* Leidy, 1850, 303, t. h. *Boa constrictor*.—1850: Dist. 1895: D. (*Dicrocœlium*). 1899: *Plagiorchis*.
- horridus* Dies., 1850a, 400, t. h. *Didelphys myosurus*, D. philander; Brazil.—1850: *Rhopalophorus*. 1898: *Rhopalias*.
- hospes* Looss, 1907, 478, t. h. cattle; Cairo, Egypt, from Soudan.—1907: *Dicrocœlium*.
- hospitale* Staff., 1900, 403, t. h. *Diemyctylus viridescens*.—1900: Dist. 1902: D. (*Brachycœlium*). 1902: *Brachycœlium*.
- humana* Gmelin, 1790a, 3053, t. h. *Homo*.—1790: Fasc.
- hyalinum* Rud., 1809a, 389, *ericiis* renamed, t. h. *Salmo eriox*.—1809: Dist.
- hyalinum* Schlotthauber, 1860, 129, t. h. *Machetes pugnax*.—1860: Monost.
- hyalocauda* Haldeman (1840a).—Cerc.
- hyans* Moul., 1856a, 49, for *hians* (Dist.).
- hyatinum* Kroyer, 1843–45a, 624, for *hyalinum* (Dist.).
- hylæ* Rud., 1819a, 121, t. h. *Hyla arborea*.—1819: Dist. [1850: D. *cygnoides*.]
- hymenocerca* Villot, 1875, 479, t. h. *Calypttræa sinensis*; Roscoff.—1875: Cerc.
- hystrix* Duj., 1845a, 433, t. h. *Pleuronectes maximus*, P. platessa.—1845: Dist. (*Echinost.*). 1899: *Anoiktost.* 1899: *Stephanost.* 1904: *Stephanochasmus*.
- hystrix* Duj. of Olss.—1899: *Stephanost.*
- hystrix* Brand., 1892, 506, for *histrix*, t. h. *Rana esculenta*.—1892: Monost.
- hyterophytes* Cobbold, 1883, 401, for *heterophyes* (Dist.).
- idi* Rud., 1819a, 87, t. h. *Cyprinus idus*; Cat. Ent. Vienn.—1819: Monost. (?Hypost.). 1819: Monost. [1850: *Aspidogaster limacoides*.]
- ignorata* Raspail, 1902, 119.—1902: Planaria.
- ignotum* Nicoll, 1906, 514, t. h. *Hæmatopus ostralegus*.—1906: Monost.
- ijimæ* Goto, 1894a, 230, t. h. *Trygon pastinaca*; Japan.—1894: Monocotyle.
- illatabile* Braun, 1901g, 897, t. h. *Falco nitidus*; Brazil.—1901: Scaphiost. (type).

- illense* Ziegler, 1883, 543, t. h. *Esox lucius*, *Leuciscus erythrophthalmus*; Strassburg.—1883: Gasterost.
- illiciens* Braun, 1901g, 944, t. h. *Rhamphastus* sp., *Pipra rupicola*; Brazil.—1901: *Dicrocoelium*.
- [*illotum* Sluiter, 1898 (Dist.), a tunicate.]
- imbricata* Looss, 1893a, 20, t. h. *Paludina vivipara* La.; near Leipzig.—1893: Cerc. [1902: *Notocotyle verrucosa*.]
- imbutiforme* Mol., 1859, 844, t. h. *Labrax lupus*; Batavii.—1859: Dist. 1886: D. (Echinost.). 1898: Echinost. 1899: Anoihtost. 1901: *Acanthochasmus*.
- imitans* Muehl., 1898a, 17, t. h. *Abramis brama*; Königsberg i. Pr.—1898: Dist. 1899: *Asymphyllodora*.
- imparispine* Lint., 1905, 327, t. h. *Rachycentron canadus*; Beaufort, N. C.—1905: Dist.
- impleta* Looss, 1899b, 590, t. h. *Tetrodon fahaka*; Cairo, Egypt.—1899: Astia. 1904: *Astiotrema*.
- impudens* Crep., 1846, 149, t. h. *Squalus griseus*.—1846: Monost.
- incerta* Cobbold, 1885g, 177, t. h. *Coluber*; Rio Plata.—1885: Dist.
- incistidata* Perroncito, 1880, July, 454, t. h. *Rana esculenta*.—1880: Cerc.
- [*incistidata* Erc., 1881, 96.—1881: Dist.]
- incisum* Rud., 1809a, 361, *anarrhichæ lupi* renamed.—1809: Dist. 1904: *Fellodist.* (type).
- incivile* Leidy, 1856b, 44, t. h. *Leiostomus obliquus*.—1856: Dist.
- inclusum* Polonio, 1859, see Par., 1894, 149, t. h. *Triton punctatus*; Padova.—1859: Dist.
- incommodum* Leidy, 1856b, 43, t. h. *Alligator mississippiensis*; Florida.—1856: Monost. 1891: Dist.
- incomptum* Stoss., 1886, 51, misprint for *incomtum* 1819 (Dist.).
- incomtum* Rud., 1819a, 683, t. h. *Chætodon* sp.; Brazil.—1819: Dist.
- inconstans* Lint., 1905, 327, t. h. *Chætoditperus faber*; Beaufort, N. C.—1905: Dist.
- incrassatum* Dies., 1850a, 390, t. h. *Lutra solitaria*; Brazil.—1850: Dist. 1860: Echinost. 1892: D. (Echinost.).
- increscens* Olss., 1868, 36, t. h. *Scomber*, *Merlucius*, *Hippoglossus*.—1868: Dist. 1886: D. (Echinost.). [1905: *Lepodora rachizæa*, type.]
- indicum* Montgomery, 1906, 139, t. h. donkey; India.—1906: *Schistosoma*.
- inermis* Nitzsch, MS., in Rud., 1819a, 375, t. h. *Anas boschas fera*.—1819: Dist. [1850: *D. oxycephalum*.]
- inermis* Fil., 1857c, pl. 2, for *D. inermis paludinæ impuræ*.—1857: Dist.
- inermis* Linst., 1879, 183, t. h. *Petromyzon fluviatilis*.—1879: Dist.
- inermis* Fuhrmann, 1904, 63, t. h. *Lutra*.—1904: Echinost.
- inermis* Par. & Perugia, 1889, 747, t. h. *Corvina nigra*; Genova.—1889: Calceost.
- inermis paludinæ impuræ* Fil., 1857c, pl. 2.—1857: Dist.
- inflatum* Crep., 1849, 64, t. h. *Alauda arvensis*.—1849: Dist.
- inflatum* Mol., 1859, 826, t. h. *Anguilla vulgaris*; Batavii.—1859: Dist. 1886: D. (Echinost.). 1898: Echinost. 1899: Anoihtost. 1902: *Deropristis*.
- inflexa* Rud., 1802b, 82, t. h. *Cyprinus jesus*.—1802: Fasc. 1809: Dist.
- ingens* Moniez, 1886, 531, t. h. unknown.—1886: Dist. 1902: *Hirudinella*.
- inhærens* Dalyell, 1853a, 262, t. h. ling.—1853: *Octodactylus* (type). [1864: *Pterocotyle palmata*.] [1879: *Octobothrium palmatum*.]
- innocuum* Baelz of Taylor, 1884, 53, for *D. hepatis innocuum*.—1884: Dist. [1907: *Clonorchis sinensis*.]
- innocuum hepatis* La Clinica de Malaga, 1883, 309, for *D. hepatis innocuum*. 1883: Dist.
- innocuum* Laspeyres, 1904a, 6, for *innocuum* (Dist.).
- inops* Looss, 1902n, 887, t. h. *Pelecanus onocrotalus*, *Milvus ægyptius*; Egypt.—1902: *Heterophyes*.
- inquieta* Mueller, 1786, 121, in aqua marina.—1786: Cerc. 1850: *Histrionella*.
- inquilina* Graff, 1904, 457, t. h. snails.—1904: *Planaria*.
- insigne* Dies., 1850a, 347, *D. scimna* Risso, 1826, renamed, t. h. *Echinorhinus spinosus*.—1850: Dist. [1899: *D. veliporum*.]

- insignis* Looss, 1899b, 596, t. h. *Fulica atra*; Egypt.—1899: *Urogonimus*.
insignis Graff, 1904, 457, t. h. snails.—1904: *Planaria*.
insignis Leidy, 1858, 18, t. h. *Anadonta fluviatilis*, *A. lacustris*.—1858: *Cotylaspis* (type). 1893: *Aspidogaster*.
instabile Duj., 1845a, 412, t. h. *Sorex fodiens*; Rennes.—1845: Dist. (*Brachylaimus*).
instar Looss, 1901, 562, t. h. *Thalassochelys corticata*.—1901: *Enodiotrema*.
integerrima Frølich, 1791a, 104, t. h. unknown.—1791: *Linguatula*. 1808: *Polyst.* (type). 1809: *Polyst.* (*Hexast.*, type.) 1828: *Hexathyridium*. 1828: *Hexathyridium*.
integerrinum Ben. & Hesse, 1864, 84, for *integerrimum* (*Polyst.*).
integrum Dies., 1850a, 429, MS.—1850: *Trist.* [1850: *Trist. coccineum*.]
intermedium Mehlis in Creplin, 1846, 138, t. h. *Colymbus cristatus*, *C. subcristatus*.—1846: Dist.
intermedium Johnston, 1904, 109, t. h. *Cygnus atratus*.—1904: *Hemist.*
intermedius Uličný, 1878, 211, t. h. *Anadonta cellensis*.—1878: *Bucephalus*.
interruptum Mont., 1891, 101, t. h. *Thynnus brachypterus*; Naples.—1891: *Trist.*
interruptus Braun, 1901g, 897, t. h. *Alcedo viridirufa*, *Ardea virescens*; Brazil.—1901: *Opisthorchis*.
intersectus Lænnec, 1812c, 9, t. h. *Homo*; Europe.—1812: *Distomus* (type).
intestinale Rud., 1819a, 119, see Dist. *aluconis intestinale*.
intestinale Tayler, see Carter, 1862a, xxxi, t. h. *Homo*; District of Dacca, India.—1862: Dist.
intestinalis Mueller.— —: *Planaria*.
intestinalis Linnæus, 1758a, 649, in *intestinis piscium*.—1758: Fasc. [*Ligula*.]
intestinalis Gueldenstadt, teste Rud., 1810a, 24, t. h. *Sorex moschatus*.—Fasc. [1810: *Ligula*.] [1850: *Cephalocotyleum*.]
intestinalis ardæ nigræ Viborg, 1795, 242.—1795: Dist.
intestinalis testudinis mydæ Viborg, see Rud., 1809a, 433.—Dist. [1809: Dist. *testudinis mydæ*.]
intestinalis vulpis Viborg, 1795, 242.—1795: Dist.
invaginatum Mayer, 1841, 17, D. *appendiculatum*, renamed.—1841: Dist.
inversus Looss, 1907, 486, t. h. *Vesperugo kuhli*; Cairo, Egypt.—1907: *Pycnopus*.
involutum Rud., 1809a, 377, t. h. *Upupa epops*; includes Fasc. *upupæ* Schrank, 1790, and D. *fusiforme* from *Upupa epops*.—1809: Dist.
irroratum Rud., 1819a, 105, t. h. *Testudo mydas*; Arimini.—1819: Dist. [1899: *Astia*.] 1902: *Pachypsolus* (type).
isabellinum Ratzel, 1868, 153, t. h. *Gadus æglefinus*.—1868: Monost. [1878: *Rhipidocotyle gracilescens*.]
ischnum Leidy, 1890, 415, t. h. *Saurus foetens*, at Beach Haven, N. J.—1890: Dist.
ishikawæ Goto, 1894a, 234, t. h. *Lethrinus* sp.; at Hagi, Japan.—1894: *Epibdella*. 1903: E. (*Benedenia*).
ishikawai St. Remy, 1898, 532, for *ishikawæ* (*Epibdella*).
isopori Looss, 1894a, 55, in *Cyclas rivicola*.—1894: Cerc. [Dist. *isoporum*.]
isoporum Looss, 1894, 49, t. h. *Cyprinus carpio*, *Phoxinus lævis*, *Leuciscus rutilus*, *Abramys brama*, *Squalius cephalus*, *Tinca vulgaris*, *Esox lucius*; Germany.—1894: Dist. 1899: *Creadium* (type). 1900: *Allocreadium* (type).
isoporum armatum MacCallum, 1895, 401, t. h. *Aplodmotus grunniens*; North America. 1895: Dist. [*Creadium*.]
isostomum Rud., 1819a, 105, t. h. *Astacus fluviatilis*.—1819: Dist.
isostomum Rud., 1814a, 100, *Amphist. anatis tadornæ* and *S. candida* renamed, t. h. *Anas tadorna*; Copenhagen.—1814: *Amphist.* 1845: Holost. [1850: *H. erraticum*.]
italicum Stoss., 1893, (6), t. h. *Lichia amia*; Trieste.—1893: Dist.
jacksoni, see *jacksonii* (Fasc.).—1892: Dist. 1899: *Fasciolopsis*.
jacksonii Cobbold, 1869, 48, t. h. *Elephas indicus*.—1869: Fasc. 1892: Dist.
janus Kowal., 1898, 73 or 130, t. h. *Anas boschas dom.*—1898: *O. crassiuscula* var. 1898: *Opisthorchis*. 1898: *Campula*.

- japonicum* Katsurada, 1904, 147, t. h. *Felis catus dom.*, Homo; Japan.—1904: *Schistosomum*. 1905: *Schistosoma*.
- japonicum* Bl., 1888a, 596, t. h. Homo; *D. hepatis endemicum* renamed, see *endemicum*.—1888: Dist. [1907: *Clonorchis endemicus*.]
- japonicus* Braun, 1901, 17, in hen's egg; Yedo, Japan.—1901: *Prosthogonimus*. [*jardinii* (Bucephalus), reptile.]
- jesis* Gmelin, 1790a, 3058, t. h. *Cyprinus jesis*; Europe.—1790: Fasc.
- jheringii* Mont., 1899, 79, for *jheringii* (*Temnocephala*).
- jheringii* Haswell, 1893e, 96, t. h. *Ampullaria*; Brazil.—1893: *Temnocephala*.
- kampanulatum* Schneidemuehl, 1896, 302, for *campanulatum*.—1896: Dist.
- kantaniana*, see *cantaniana*.
- kölikerii* Cobbold, 1860a, 30, *pelagiæ Kölliker*, renamed.—1860: Dist.
- köllikerii* Mont., 1893, 122, for *kölikerii* (Dist.).
- kommutatam* Schneidemuehl, 1896, 303, for *commutatam* Dies., q. v. (Dist.).
- kongenitum* Schneidemuehl, 1896, 302, for *conjunctum* (Dist.).
- konica* for *conica*.
- konikum* Schneidemuehl, 1896, 303, for *conicum* (*Amphist.*).
- kowalewski* Rail., 1899, 788, for *kowalewskii* (*Schistosoma*).—1902: *Bilharzia*.
- kowalewskii* Par. & Ariola (1896), 114, t. h. *Larus melanocephalus*.—1896: *Bilharzia*. 1899: *Schistosoma*. 1899: *Bilharziella*.
- krassum* Schneidemuehl, 1896, 302, for *crassum* (Dist.).
- kroyeri* Leuck., 1847, 147, t. h. *Caligus sp.* on *Gadus sp.*—1847: *Amphibothrium* (type).
- kröyeri* Wierezejski, 1877, 550, for *kroyeri* (*Calicotyle*).
- krøyeri* Høek, 1856a, 507, for *kroyeri* (*Calicotyle*).
- krøyerii* Ben., 1870, 16, for *kroyeri* (*Calicotyle*).
- krohnii* Kœlliker, 1849d, 65, t. h. a cephalopod.—1849: Dyst. [Dist.]
- kroyeri* Dies., 1850a, 431, t. h. *Raja radiata*; Kattegat.—1850: *Calicotyle* (type). 1858: *Callicotyle*. 1898: *Calycotyle*.
- kroyeri* Dies., 1850a, 427, for *krøyeri* (*Amphibothrium*).
- kuhni* Cobbold, 1860a, 39, *M. leporis*, renamed, t. h. *Lepus cuniculus*—1860: Monost. [*Cysticercus pisiformis*.]
- kuneatum* Schneidemuehl, 1896, 303, for *cuneatum* (Dist.).
- labiatum* Rud., 1819a, 108, t. h. *Syngnathus pelagicus*; Naples.—1819: Dist.
- labii* Linst., 1889, 79, misprint for *labri* Stoss. (Dist.).
- labracis* Duj., 1845a, 398, t. h. *Labrax lupus*; Rennes.—1845: Dist. (*Dicrocoelium*). 1870: *Échinost.* 1870: *D.* (*Echinost.*). 1899: *Dicrocoelium*. 1901: *Allocreadium*.
- labracis* Cerf., 1895, 125, t. h. *Labrax lupus*; White Bank, N. Sea.—1895: *Diclidophora*.
- labracis* Ben. & Hesse, 1863, 1864, 112, t. h. *Labrax lupus*.—1863: *Microcotyle* (? type).
- labri* Rud., 1819a, 122, t. h. *Labrus rupestris*; C. E. V.—1819: Dist. [1850: *D. fasciatum*.]
- labri* Ben., 1870, 45, n. sp., t. h. *Labrus maculatus*.—1870: Dist.
- labri* Stoss., 1886, 30, t. h. *Labrus mixtus*; locality not given.—1886: Dist. 1886: *D.* (*Dicrocoelium*). 1901: *Allocreadium*. 1902: *Loborchis*.
- labri rupestris* Olss., 1876, 20.—1876: Dist. 1886: *D.* (*Apoblema*). 1891: *Apoblema*.
- lacertæ* Dies., 1850a, 331, t. h. *Lacerta agilis*.—1850: Monost. [Cf. *Piestocystis dithyridium*.]
- lacertæ* Rud., 1819a, 121, t. h. *Lacerta cærulescens*; C. E. V.—1819: Dist. [1850: *D. mentulatum*.]
- lachrymosus* Braun, 1902b, 31, t. h. *Larus maculipennis*; Brazil.—1902: *Philophthalmus*.
- laciniatum* [Blainv., 1824] Duj. 1845a, 437, t. h. *Simia maimon*; Paris.—1845: Dist. [1824: "Alaire" type.] [1850: *Alaria* Blainv., type.]
- laciniatum* Mol., 1859, 821, apparently lapsus for *fimbriatum*.—1859: *Gasterost.*
- lachryma* Bory de St. Vincent, 1823a, 354, in infusions d'orge et d'avoine.—1823: *Cerc.*
- lactea* Mueller, 1774, 61, free form.—1774: Fasc. 1787: *Planaria*.

- luteum* Jägers., 1896, 167, t. h. *Cottus scorpius*.—1896: Monost. 1899: *Galactosomum* (type).
- læve* Lint. 1898, 517, t. h. *Macrourus bairdii*.—1898: Dist. 1899: *Hemiusurus*.
- læve* Verrill, 1875, 40, t. h. *Tetrapturus albidus*; North America.—1875: Trist. [1906: T. ovale.]
- laeve* var. *armata* Goto, 1899a, 273, for *læve* Verrill and *histiophori* of Bell.—1899: Trist.
- læve* var. *inermis* Goto, 1899a, 273, ovale renamed.—1899: Trist. [1899: T. ovale.]
- lævis* Ben. & Hesse, 1864a, 87, t. h. *Mustelus lævis*.—1864: *Erpocotyle* (type).
- lagna* Rud., 1809a, 366, as *Distomate lagna*, see *lagna* 1788.
- lagna* Braun, 1788, 237, t. h. *Perca fluviatilis*; Europe.—1788: *Planaria*. 1790: Fasc. 1809: Dist. [1809: Dist. *nodulosum*.]
- lagna* Mol., 1858, 127, t. h. *Strix passerina*; Patavii.—1858: Holost.
- lagna* Brand., 1888, 249, *ascidia* Ben., 1873, not Rud., 1819, renamed.—1888: Dist. 1899: *Lecithodendrium* (type).
- lageniforme* Lint., 1898, 524, t. h. *Remora remora*.—1898: Dist.
- lambitans* Braun, 1899g, 490, t. h. a "Reiher;" *Semanabay*, West Indies.—1899: Clinost.
- lampetræ* Gulliver, 1872, 103, t. h. *Planer's lamprey*; Canterbury.—1872: *Neuronaia*.
- lampridis* Lennberg, 1891, 73, t. h. *Lampris guttatus*; *Kristiania Mus.*—1891: *Didymozoon*.
- lancea* Dies., 1850a, 334, t. h. *Delphinus tuscus*; Barra do Rio Negro, Brazil.—1850: Dist. 1892: D. (*Dicrocoelium*). 1901: *Opisthorchis*.
- lanceatus* Stiles & Hass., 1896, 158, *lanceolatum* Rud., 1803 [not Schrank, 1790] renamed.—1896: *Dicrocoelium* (type). 1899: Dist.
- lanceolata* Schrank, 1790, 123, t. h. *Cyprinus brama*.—1790: Fasc.
- lanceolata* Schulze in Zeringer (1829), see *Crep.*, 1839a, 291.—? (1829): *Cyclocotyla*. (1839): *Cyclocotyle*. [1850: *Discocotyle sagittata*.] [1879: *Octobothrium sagittatum*.]
- lanceolata* Rud., 1803, 24, t. h. *Homo*; Europe.—1803: Fasc. 1825: Dist. 1845: D. (*Dicrocoelium*, type). 1856: *Dicrocoelium*.
- lanceolatum* F. S. Leuck., 1827a, 24, t. h. *Clupea alosa*; Germany.—1827: *Octobothrium* (type). 1850: *Octocotyle* (type). 1858: *Octoplectanum* (type). [Mazocraes alosæ.] [*Octostoma alosæ*.]
- lanceolatum* Wedl, 1858, 251, t. h. *Himantopus rubropterus*.—1858: Monost. 1902: *Hæmatotrephus* (type).
- lanceolatus alosæ* Mayer, 1841, 23, *Octobothrium lanceolatum*, renamed.—1841: *Decacotylus*.
- lanceolum* Gronkowski, 1902a, 519, for *lanceolatum* (Dist.).
- lanceulatum* Baldi, 1900a, 224, for *lanceolatum* (Dist.).
- lapridis* Sars, teste Nordmann, 1840, 600, in *Lampris gullatus*.—1840: *Hexacotyle*.
- lari glauci* Rud., 1819a, 92, t. h. *Larus glaucus*; Cat. Ent. Vien.—1819: *Amphist*. [1850: *Hemist. spathaceum*.]
- lasium* Leidy, 1891a, 415, t. h. *Ilyanassa obsoleta*; Beach Haven, N. J.—1891: Dist.
- lata* Lespés, 1857, 114, t. h. *Venus decussata*; Arcachon.—1857: Cerc. 1858: C. (*Gymnocephala*).
- lateralis* Looss, 1902h, 138, t. h. *Mugil auratus*, M. chelo.—1902: *Haploporus*.
- laticolle* Rud., 1819a, 117, t. h. *Caranx trachurus*; Naples and Arimini.—1819: Dist. (Echinost.) 1899: *Tergestia*. 1899: *Echinost*.
- laticolle* Mueh., 1896, 590 [not Rud., 1819], t. h. *Anas glacialis*; apparently *Königsberg i. Pr.* See *platyurum*.—1896: Dist.
- latiuscula* Goëze, 1782a, 169, includes Fasc. *hepatica* Linn.—1782: *Planaria*.
- laureatum* Zed., 1800a, 164, t. h. *Salmo trutta*; Europe.—1800: Dist. 1802: Fasc. 1828: *Lobostome*, type. 1845: Dist. (*Crossodera*). 1860: *Crossodera*. 1900: *Crepidost.* —: *Bunodera*.
- [*laysani* Sluiter, 1900, 9 (Dist.) a tunicate.]
- [*leachi* Stevens, 1827 (*Distomus*), beetle.]
- lecithonotus* Luehe, 1900, 555 [see *philodryadum*], t. h. *Coluber* sp., C. eririo, *Philodryas schotti*; Brazil.—1900: *Opisthognimus* (type).

- leidy* Cobbold, 1860a, 10, Clinost. dubium Leidy, renamed.—1860: Dist.
- lemn* Mueller, 1773, 67, in aquis paludosis.—1773: Cerc. (?type). 1850: Histriionella.
- lenoiri* Poir., (1885) 1886, 3, t. h. Tetrathyrva vaillantii; Senegal.—1885: Cephalogonimus (type).
- lenoiri* Poir., 1886, 20 t. h: Tetrathyrva vaillantii; Senegal.—1886: Aspidogaster. 1892: Platyaspis (type). 1902: Cotylaspis.
- lenoirii* Mont., 1888a, 16, for lenoiri (Aspidogaster).
- lenticola* Linst., 1878, 226, t. h. Abramis vimba.—1878: Diplost. 1892: Tetracotyle.
- lentis* Gescheidt, 1833, 421, t. h. Homo.—1833: Monost. 1860: Festuc. 1892: Monostomulum. 1894: Dist.
- lepidotus* Looss, 1907, 481, t. h. Vesperugo kuhli; Cairo, Egypt.—1907: Parabascus (type).
- leporis* Kuhn, 1829, 464, t. h. Lepus cuniculus.—1829: Monost. [Cysticercus pisi-formis.]
- leptogaster* F. S. Leuck., 1830a, 612, t. h. Chimæra monstrosa; Europe.—1830: Octobothrium. 1845: Octobothrium (Cyclocotyle). 1850: Discocotyle. 1858: Placocleptanum (Discocotyle). 1890: Octocotyle (Octobothrium).
- leptosoma* Villot, 1878, 32, cercarian stage of Dist. leptosomum, in Scrobicularia tenuis.—1878: Cerc.
- leptosomum* Crep., 1829, 57, t. h. Tringa variabilis.—1829: Dist. 1845: D. (Echinost.). 1860: Echinost.
- leptostomum* Olss., 1876, 18, t. h. Meles taxus.—1876: Dist. 1892: D. (Brachylaimus) 1899: Harmost. (type). 1899: Heterolope (type).
- leucochloridii* Leuck., 1858a, 114, see Leucochloridium paradoxum.—1858: Cerc. 1858: Dist.
- levinseni* Odhn., 1905, 348, t. h. Gadus saida; East Greenland.—1905: Hemiurus.
- levinseni* Setti, 1898, 311, for levinseni (Trist.).
- levinseni* Mont., 1891, 101 t. h. Thynnus sp.—1891: Trist.
- lichia* Ariola, 1899, 1, t. h. Lichia amia; Genova.—1899: Microcotyle.
- lidia* Par., 1902, 6, for lydia (Echinost.).
- ligula* Ben., 1870, 1871a, 17, t. h. Scymnodon ringens; Portugal.—1870: Dist.
- liguloideum* Dies., 1850a, 320, t. h. Vastres cuvieri; Borbæ, Brazil.—1850: Monost. 1892: Amphilina.
- lipiputanum* Looss, 1896, 141, t. h. Pernis apivorus, at Alexandria, Egypt; Milvus parasiticus, at Matarijeh.—1896: Echinost.
- lima* Rud., 1809a, 408, t. h. Vespertilio auritus, V. murinus; Europe.—1809: Dist. (Echinost.). 1892: D. (Brachylaimus). 1899: Plagiorchis (type). [1899: Lepoderma.]
- limacis* Dies., 1850a, 302, based on Duj., 1845a, 472, in Limax agrestis, L. cinerea, L. rufa; Rhedoni.—1850: Dist. 1850: Heterost. 1855: Cercariæum. 1856: Cerc. [1858: C. (Acanthocephala) trigonocerca.]
- limacoides* Dies., 1834a, 1231; 1835c, 421, t. h. Cyprinus dobula, C. idus; Cat. Vien.—1834, 1835: Aspidogaster. 1835: Monost.
- limatum* Braun, 1900f, 389, t. h. Molossus sp.; from Brazil.—1900: Dist. [1907: ? Parabascus.]
- limnææ ovata* Linst., 1885, 251.—1885: Dist.
- limnææ ovata* Linst., 1884, 142.—1884: Cerc. [1889: Dist. endolobum Duj.]
- limnææ truncatula* Linst., 1892, 331, t. h. Limnæa truncatula.—1892: Cerc.
- limnæi* Dies., 1850a, 302, based on Duj., 1845a, 473, t. h. Limnæus palustris; Rhedoni.—1850: Dist. 1850: Heterost.
- limnæi* Pag., 1857, 32, t. h. Lymnæus stagnalis.—1857: Tetracotyle. [1858: T. typica.]
- limnophilus* Linst., 1879, 185, t. h. Limnophilus rhombicus; apparently Germany.—1879: Dist. [1889: D. endolobum.]
- limuli* Graff (1879), 202.—1879: Plan.
- lineare* Rud., 1819a, 83, t. h. Tringa vanellus; Mus. Vien.—1819: Monost. (Monost.). [1850: Notocotyle triseriale.] [1896: N. verrucosum.]
- linearis* Looss, 1901, 618, t. h. Chelone mydas; Egypt.—1901: Pleurogonius.
- linearis* Rud., 1793a, 29, t. h. Phasianus gallus; Greifswald, October.—1793: Fasc. 1803: Dist. 1860: Crossodera. 1896: Bunodera.

- linearis* Mueller, 1774, 67, in foveis palustribus sylvarum.—1774: Fasc. 1787: Plan.
- linearis* Lespés, 1857, 117, t. h. *Littorina littorea*.—1857: Cerc. 1858: C. (*Acanthocephala*).
[*linearis* (Nitzschia) a diatome.]
- linearis longa* Linn. teste Pallas, 1781a, 95, in *Cyprinus*.—1781: Fasc.
- lineata* Mueller, 1774, 60, in *littore maris Balthici*.—1774: Fasc. 1776: Plan.
- lineatus* Scott, 1901, 143, t. h. *Trigla lineata*; Clyde.—1901: Trochopus.
- lineola* Dies., 1850a, 346, t. h. *Falco rufus*; C. E. V.—1850: Dist.
- lingua* Bosc, 1802a, 262.—1802: Plan.
- lingua* Crep., 1825, 47, t. h. *Larus marinus*.—1825: Dist. 1892: D. (*Dicrocoelium*). 1899: *Tocotrema* (type). 1899: *Cryptocotyle*. 1899: *Cotylogonimus* (*Cryptocotyle*). 1903: *Cryptocotyle*.
- linguæforme* Dies., 1850a, 335, *Brachylæmus erinacei* Bl., 1847, renamed; t. h. *Eri-naceus europæus*; Paris.—1850: Dist. 1898: *Mesogonimus*.
- linguale* Odhn., 1902, 66, t. h. *Gymnarchus niloticus*; Sudân.—1902: Phyllost.
- linguatula* Rud., 1819a, 100, t. h. *Rana*; Brazil.—1819: Dist. ? : D. (*Brachylaimus*).
- linguatula* Looss, 1899b, 668, t. h. *Chelonia mydas*; Egypt.—1899: *Microscapha*. 1902: *Microscaphidium*. 1902: *Polyangium* (type).
- linstowi* Mont., 1893, 102, for *linstowii* (Dist.).
- linstowii* Stoss., 1890, 42, *Monost. aculeatum* Linst., from *Testudo græca*, renamed.—1890: Dist. 1895: D. (*Dicrocoelium*). 1899: *Telorchis Luehe*. 1899: *Telorchis* (type) Looss. 1900: T. (*Cercorchis*, type).
- lintoni* Pratt, in Lint., 1901b, 435, *D. auriculatum* Wedl of Lint., in *Acipenser rubicundus*, renamed.—1901: *Bunodera*.
- liorchis* Fischder., 1901, 368, t. h. *Cervus simplicicornis*, *C. campestris*, *C. mexicanus*, *C. rufus*, *C. dichotomus*, *C. nanby*; Brazil.—1901: *Paramphist*.
- littoralis* Herbst, 1787a, 35.—1787: Plan.
- lobatum* Rail., 1900, 241, t. h. *Accipiter nisus*.—1900: *Dicrocoelium*. 1902: *Lyperosomum*.
- lobatus* Looss, 1901b, 619, t. h. *Chelone mydas*; Egypt.—1901: *Glyphicephalus*.
- lobianchi* Mont., 1888a, 7, t. h. *Raia clavata*.—1888: *Acanthocotyle* (type).
- lobianchi* Mont., 1891a, 104, for *lobianchi* (*Acanthocotyle*).
- lobianchoi* Goto, 1899, 285, for *lobianchi* (*Acanthocotyle*).
- lobiancoi* Mont., 1899, 75, for *lobianchi* (*Acanthocotyle*).
- lobotes* MacCallum, 1895, 406, t. h. *Anguilla chrysopa*, *Perca flavescens*, *Stegostedion vitreum*; North America.—1895: Dist. 1904: *Centrovarium* (type).
- loliginis* delle Chiaje, 1823, pl. 92, t. h. *Loligo vulgaris*; Naples.—1823: Polyst. [1850: *Solenocotyle chiajei* (type).]
- loliginis* Gmelin, 1790a, 3059, includes *F. barbata*.—1790: Fasc. 1803: Dist. [1850: *Tetrabothriohynchus migratorius*.]
- loliginis* delle Chiaje, 1841a, 140.—1841: *Amphyst*. [Amphist.] 1894: *Monost*.
- longe* Braun, 1892a, 581, for *longum* (*Diplost*.).
- longicauda* Rud., 1809a, 372, t. h. *Corvus cornix*.—1809: Dist. [1819: *D. macrourum*.] 1899: *Dicrocoelium*. [1899: *Lyperosomum*.] 1902: *Lyperosomum* (type).
- longicauda* Goto, 1899a, 282, t. h. *Cynoscion regale*; Newport, R. I.—1899: *Microcotyle*.
- longicaudata* Piana, 1882, see Par., 1894, 161, t. h. *Helix carthusiana*.—1882: Cerc. [See also *longicaudata*.]
- longicolle* Crep., 1846, 154, t. h. *Cottus gobio*.—1846: Dist.
- longicolle* Crep., 1825, 57, t. h. *Perca vulgaris*, *P. cernua*; includes *D. embryo* Olfers.—1825: Dist. [1850: *D. embryo*.]
- longicolle* Rud., 1819a, 87, t. h. *Ardea alba*, *A. stellaris*, *Larus ridibundus*, *L. atricilla*; Mus. Vien.—1819: *Amphist*. 1845: *Holost*. 1905: *Strigea*.
- longicollis* Rud., 1809a, 380, based on Bloch, 1782a, 6, t. h. *Esox lucius*.—1782: Fasc. [1809: Dist. *tereticolle*.]
- longicollis* Abildg., [1788], 34, t. h. *Coluber natrix*.—[1788]: Fasc. 1860: Dist.

- longicollis* Frölich, 1791, 73, t. h. Cyprinus carpio.—1791: Fasc. [1809: Dist. globiporum.] 1881: Dist.
- longicollis* Dies., 1850a, 417, Octost. merlangi Kuhn, renamed, t. h. Merlangus vulgaris.—1850: Dicliphora. 1859: Octoplectanum. [1879: Octobothrium merlangi.]
- longipenis* Looss, 1899, 608, t. h. ape; Ghizeh Zool. Garden.—1899: Phaneropsolus.
- longipes* Dies., 1850a, 428, tubiporum 1835 renamed, t. h. Trigla hirundo.—1850: Trochopus (type). [1864: T. tubiporus.]
- longiplexus* Staff., 1902, 901, in lungs of American frogs and toads.—1902: Hæmatolochus. 1905: Pneumonœces.
- longispina* Klein, 1905, 65, t. h. Rana hexadactyla; India.—1905: Halipegus.
- longissimum* Linst., 1883, 308, t. h. Ardea stellaris; Turkestan.—1883: Dist. 1892: D. (Dicrocoelium). 1896: Opisthorchis.
- longissimum* Poir., 1886, 29, t. h. Delphinus tursio.—1886: Dist. 1892: D. (Dicrocoelium). [1896: D. tursionis.]
- longissimum corvinum* Stiles & Hass., 1894, 418, t. h. Corvus americanus, C. ossifragus; U. S. A.—1894: Dist. (Dicrocoelium). 1899: Opisthorchis.
- longissimum corvinum* Stiles & Hass., 1896, 155, misprint for corvinum (Dist. longissimum).
- longiusculus* Looss, 1902m, 582, misprint for longiusculus (Pleurogonius).
- longiusculus* Looss, 1901l, 568, t. h. Chelone mydas; Egypt.—1901: Pleurogonius (type).
- longicaudata* Piana, 1882, teste Par., 1894, 622 (misprint?) in Helix carthusianella; Reggio Em.—1882 or 1894: Cerc.
- longum* Brand., 1888a, 25, t. h. Crocodilus; Brazil.—1888: Diplost.
- longum* Leidy, 1851, 206, t. h. Esox estor; at Cleveland, Ohio.—1851: Dist. 1904: Megadist. (type).
- loossi* Ssinitzin, 1905, 33, G. cygnoides of Looss renamed.—1906: Gordodera.
- loossii* Marshall & Gilbert, 1905, 483, t. h. Micropterus salmoides, Lucius lucius, Amia calva.—1905: Azygia.
- lophocerca* Fil., 1857c, 5, t. h. Paludina impura; Torino.—1857: Cerc. 1858: Glenocerc.
- lorenzii* Mont., 1899, 1045, t. h. Trigla sp.; Rovigno.—1899: Plectanocotyle.
- lorum* Duj., 1845a, 407, t. h. Talpa europæa; Rennes.—1845: Dist. (Brachylaimus). 1893: Mesogonimus. 1899: Dolichosomum (type). [1899: Itygonimus (type).] 1900: Dolichodemas (type).
- loxix* Rud., 1819a, 120, t. h. Loxia chloris, L. coccothraustes, L. pyrrhula; C. E. V.—1819: Dist. [D. mesostomum.]
- lubens* Braun, 1901, 945, t. h. Pipra rupricola.—1901: Dicrocoelium.
- lucaneum* Brand., 1892b, 511, for Monost. (Glenocerc.) lucanica in Planorbis parvus.—1892: Monostomulum.
- lucania* Leidy, 1904a, 143, for lucanica (Monost.).
- lucanica* Leidy, 1877, 200, t. h. Planorbis parvus; U. S. A.—1877: Monost. (Glenocerc.). [1892: Monostomulum, see lucaneum.]
- lucii* Mueller, 1776, 224, t. h. Lucius, esoph., stomach.—1776: Fasc. 1782: Plan. 1800: Dist. [D. tereticolle.]
- lucii* Rud., 1819a, 122, for D. esocis lucii Rud., 1809a, 438, t. h. Esox lucius; Greifswald.—1819: Dist.
- lucioperce* Mueller, 1776, 223, t. h. Perca lucioperca.—1776: Fasc. 1803: Dist. [D. nodulosum.]
- lucipetum* Rud., 1819a, 94, t. h. Larus fuscus, L. glaucus; Mus. Vien.—1819: Dist. 1828: Fasc. 1845: D. (Dicrocoelium). 1899: Philophthalmus.
- luei* Odhn., 1905, 351, t. h. Clupea harengus, C. sprattus.—1905: Hemiurus.
- luna* Mueller, 1786, 139, in aqua rarissime.—1786: Cerc. 1815: Furcocerca. 1827: Lecane.
- lunatus* Dies., 1836d, 238, t. h. Cervus dichotomus [?], Anas melanotos, A. ipecutiri, Himantopus wilsonii; Caiçara, Brazil.—1836: Amphist.
- lunatus* Looss, 1901l, 558, t. h. Thalassochelys corticata; Triest.—1901: Pachypsolus (type). [See irroratus.]

- lungocaudata* Piana teste R. Bl., 1888a, 603 (see also *longicaudata*), t. h. *Helix carthusiana*.—1888: Cerc.
- lupi* Ben. & Hesse, 1863, 92, t. h. *Labrax lupus*.—1863: *Udonella*.
- lupus* Mueller, 1773, 67, in aquosis, ubi *Lemna* vegetat, rara.—1773: Cerc. 1815: *Furcocerca*. 1827: *Dicranophorus*. [1828: *Cyclogena* (type).]
- lusca* Ben., 1868a, 7, for *luscae* (*Dactycotyle*), in *Morrhua lusca*.
- lusca* Ben. & Hesse, 1863; 1864, 111, t. h. *Morrhua lusca*.—1863, 1864: *Dactycotyle*. 1879: *Dactylocotyle*. 1879: *Octobothrium*. 1890: *O.* (*Dactylocotyle*).
- lutea* Ben. of Giard, 1897c, 954, t. h. *Tapes decussatus* and *T. pullastra* at Arcachon and *Donax trunculus* at Wimereux.—1897: Cerc. [1897: *Brachycœlium luteum*.]
- lutea* Ben., 1870, 3, t. h. *Scyllium canicula*.—1870: Dist. 1897: *Brachycœlium*. 1897: Cerc. 1904: *Diphterost*. [D. *betencourti*.]
- luteum* Baer, 1826a, 125; 1827, 610, t. h. *Paludina vivipara*; *Regiomonti*.—1826: Dist. [1850: *Heterost. ovatum*.]
- luzii* Dies., 1850a, 358, for *lucii* (Mueller) Zed., (Dist.).
- lydiæ* Stoss., 1896, 190, t. h. *Orthagoriscus mola*: *Triest*.—1896: *Echinost.* 1899: Dist. 1899: *Anoiktost.* 1899: *Stephanost.* 1901: *Dihemistephanus* (type).
- lymnæi auricularis* Fil., 1854, 25, t. h. *Lymnæus auricularis*.—1854: Dist. 1855: *Cercariæum*. 1856: Cerc.
- lymnæi obscuro* Erc., 1881e, 33, t. h. *Lymnæus obscurus*, *L. stagnalis*; *Bologna*.—1881: Cerc.
- lymnæi palustris* Dies., 1855a, 399, for *lymnæi* 1850a, 302.—1855: *Cercariæum*.
- lymnæi peregrini* Dies., 1858d, 279, t. h. *Lymnæus peregrinus*; *Turin*.—1858: *Cercariæum*.
- lymphaticum* Linst., 1903, 353, t. h. *Mustelus vulgaris*.—1903: Dist. [1906: *D. megastomum*.]
- lyratum* Schlotthauber, 1860, 129, t. h. *Ardea cinerea*.—1860: *Holost.*
- macaci* Cobbold, 1861, 119, t. h. *Macacus radiatus*.—1861: Cerc.
- macconnelli* Cobbold, 1876, 97, *D. sinense* renamed.—1876: Dist. [1907: *Clonorchis sinensis*.]
- macdonaldi* Mont., 1891, 120, t. h. *Melo* sp.; *Shark Bay*, *West Australia*.—1891: *Aspidogaster*.
- macdonaldii* Mont., 1891, 121, for *macdonaldi* (*Aspidogaster*).
- macrocercæ* Looss, 1894a, 253, for *macrocerca* (Cerc.).
- macrobothrium* Ben., 1870, 70, t. h. *Osmerus eperlanus*.—1870: Dist.
- macrocephalum* Rud., 1803a, 21, t. h. *Strix bubo*; includes *Strigea* and *Fasc. strigis*.—[1782: *Planaria*.] [1788: *Festuc.*] [1790: *Fasc.*] [1790: *Strigea*, (type).] 1803: *Amphist.* (type). [1819: *Holost. variabile*, (type).] 1828: *Holost.* (type). [1850: *Hemist.*]
- macrocephalum* [pars: *falconis milvi*] Rud., 1819a, 88.—1819: *Amphist.* [1840: *A. striatum*.] [1850: *Hemist. spathula*.]
- macrocerca* Fil., 1854a, 13, t. h. *Cyclas cornea*; *Turin*.—1854: Cerc. 1855: *C.* (*Xiphidocercæ*). 1858: *C.* (*Acanthocephala*). [1858: Dist. *cygnoides*.] [1902: *Gorgodera cygnoides*.]
- macrocotyle* Dies., 1858, 342, t. h. *Orthagoriscus mola*, in *Ireland*; based on *Bellingham*, 1844, 429.—1858: Dist. [1860: *D. macrocephalum*.] 1886: *D.* (*Cladocœlium*). 1893: *D.* (*Accacœlium*). [1893: *D. megnini*.] 1898: *Podocotyle*. 1898: *D.* (*Podocotyle*). 1901: *Accacœlium*.
- macrolaimus* Linst., 1894b, 334, t. h. *Vesperugo pipistrellus*.—1893: Dist. 1899: *Lecithodendrium*.
- macrophallos* Linst., 1875a, 190, t. h. *Totanus hypoleucos*.—1875: Dist. 1892: *D.* (*Brachycœlium*). 1900: *D.* (*Levinsenia*). 1899: *Levinsenia*.
- macrophallus* Linst., 1887, 104, for *macrophallos* (Dist.).
- macropoculum* Cobbold, 1860a, 25, *macrocotyle* 1858 renamed, t. h. *Orthagoriscus mola*.—1860: Dist.
- macroporum* Mont., 1893, 133, t. h. *Lophius piscatorius*.—1893: Dist.
- macropterum* Wien. MS. in *Brandes*, 1888a, 55, syn. of *grande* Dies.—1888: *Hemist.* [1888: *Diplost. grande*.]
- macrorchis* Brand., 1892, 508, t. h. *marine turtles*.—1892: *Monost.*

- macrostoma* Rud., 1803a, 26, t. h. Nachtigall [Motacilla lusciniæ]; Greifswald, June.—1803: Fasc. 1809: Dist. 1893: Urogonimus (type). 1896: D. (Urogonimus). [1835: Leucochloridium paradoxum, type.] 1907: Leucochloridium, type.
- macrostomum* Schlotthauber, 1860, 130, t. h. Petromyzon fluviatilis.—1860: Dist.
- macrostomum* Rud., 1809a, 337, t. h. Larus cinerarius; Greifswald.—1809: Monost. (Monost.).
- macrostomum* Jægers., 1900a, 33, t. h. Telmatias major; ?Upsala.—1900: Diplost.
- macrourum* Rud., 1819a, 98, t. h. Corvus cornix; D. longicauda Rudolphi, 1809a, 372 renamed.—1819: Dist. 1853: Dist. (Dicrocœlium). 1899: Dicrocœlium. [1902: Lypersomum longicauda and Dicrocœlium albicollæ.]
- macrurum* Schlotthauber, 1860, 129, t. h. Corvus glandarius.—1860: Monost.
- macrurum* Braun, 1892a, 746, for macrourum (Dist.).
- maculata* Leidy, 1847e, 252, free; Phila.—1847: Plan.
- maculatum* Looss, 1901d, 402, t. h. Labrus merula, Crenilabrus pavo, C. griseus; Triest.—1901: Dist.
- maculatum* Rud., 1819a, 123, t. h. Diodon; California.—[1811: Capsala martinieri, type.] 1819: Trist. 1840: Capsala. 1850: Trist.
- maculosa* Rud., 1802, 67, F. hirundinis renamed, t. h. Hirundo apus.—1802: Fasc. 1809: Dist. 1845: D. (Brachylaimus). 1892: D (Dicrocœlium). 1901: Plagiorchis.
- madagascariensis* Vayssière (1892), 64.—1892: Temnocephala. 1899: Dactylocephala (type).
- magna* Cobbold, 1859d, 364, t. h. Cercopithecus fuliginosus.—1859: Bilharzia. 1892: Gynæcophorus. [1895: Bilharzia hæmatobia.] 1899: Schistosoma.
- magna* Pag., 1857, 22, t. h. Paludina vivipara.—1857: Cerc. 1858: C. (Gymnocephala).
- magniovatum* Stoss., 1898, 53, t. h. Puffinus kuhlii; Triest.—1898: Echinost.
- magnum* Bassi, 1875, 497, t. h. [Hirsch]; Mandria.—1875: Dist. 1889, 1894: Fasc.
- maimonis* Blainv., 1828, 586, t. h. Simia maimon.—1828: Fasc.
- maior* Tasch., 1879, 263, for major (Dactylogyrus).
- major* Goto, 1894a, 203, t. h. Scomber colias; Japan.—1894: Octocotyle.
- major* Nitzsch, 1817, 44.—1817: Cerc. [1850: Histrionella lemna.]
- major* Wagener, 1857, 99, "pl. 15, fig. 9," t. h. Gobius fluviatilis.—1857: Dactylogyrus.
- majus* St.-Remy, 1898, 547, for major (Octocotyle).
- malleus* Linst., 1877, 182, t. h. Barbus fluviatilis.—1877: Dactylogyrus.
- mancupatus* Fischder., 1901, 371, t. h. African cattle.—1901: Gastrothylax.
- mansoni* Sambon, 1907, 365, t. h. Homo; Africa.—1907: Schistosomum.
- marænulæ* Rud., 1809a, 339, t. h. Salmo marænula; Europe.—1809: Monost. (Hypost.) 1892: Monostomulum.
- marculentum* Braun, 1901g, 948, t. h. Emberiza citronella; Vien. Mus.—1901: Dist.
- margaritarum* Dubois, 1901, 603, t. h. Mytilus edulis.—1901: Dist.
- margaritiferæ* Shipley & Hornell, 1904, 78, t. h. Margaritifera vulgaris; Ceylon.—1904: Muttua (type).
- margaritiferæ* Shipley & Hornell, 1904, 78, t. h. Margaritifera vulgaris; Cheval Paar, Ceylon.—1904: Aspidogaster.
- marginatum* Rud., 1819a, 680, t. h. Ardea sp.; Brazil.—1819: Dist. 1892: Mesogonimus. 1899: Clinost.
- marginatum* Mol., 1858, 128, t. h. Anas crecca; Batavii.—1858: Dist. 1892: D. (Brachylaimus).
- marilæ* Rud., 1819a, 87, t. h. Anas marila; Cat. Ent. Vien.—1819: Monost. [1850: Notocotyle triseriale.]
- marillæ* Dies., 1850a, 411, for marilæ (Monost.).
- marina* Garsin, 1730a, 387, t. h. Scomber pelamys.—1730: Hirudinella.
- marionis* St. Loup, 1885, 176, t. h. Mæna vulgaris.—1885: Choricotyle.
- marmorosa* Mueller, 1774, 71, in fossis aquaticis rara.—1774: Fasc. 1787: Plan.
- marcupium* Braun, 1901g, 941, t. h. Perdix rufina; Brazil.—1901: Harmost.
- martinieri* Bosc, 1811, 384, t. h. Diodon sp.—1811: Capsala (type).
- martiranoi* Stiles, 1903aa, 15, t. h. Anopheles claviger.—1903: Agamodist.

- medians* Olss., 1876, 25, t. h. *Bufo vulgaris*.—1876: Dist. 1899: *Pleurogenes*.
- medians* Olss. of Staff., 1900, Aug., 412.—1900: Dist. [1905: *Loxogenes arcanum*.]
- medioplexus* Staff., 1902, 901, t. h. American frogs and toads.—1902: *Hæmatolæchus*. 1905: *Pneumonæces*. [See *Ostiolum formosum*, type.]
- medioximus* Braun, 1901g, 895, t. h. *Galbula grandis*; Brazil.—1901: *Eumegacetes*.
- medius* Kath., 1894a, 129, t. h. *Cobitis fossilis*, *Cyprinus carpio*.—1894: *Gyrodactylus*.
- megachondrus* Looss, 1899b, 593, t. h. *Testudo* (græca?).—1899: *Enodia* (type). 1901: *Enodiotrema* (type).
- megacotyla* Dies., 1858d, 263, for Dist. *echinatoides* Pag., 1857, 32 [not Fil.], t. h. *Anodonta cygnea*; Heidelberg.—1858: *Cerc.* (*Nephrocephala*).
- megacotyle* Dies., 1850a, 379, D. *velellæ* Fil. renamed, t. h. *Velella spirans*; Naples.—1850: Dist.
- megacotyle* Dies., 1836d, 238, t. h. *Silurus palmito*; Matogrosso, Brazil.—1836: *Amphist*.
- megacotyle* Linst., 1906, 176, t. h. *Histiophorus* sp.; Beruwalla.—1906: *Trist*.
- megacotylea* Villot, 1878, 30, t. h. *Mysis*.—1878: *Cerc*.
- megaloccephalum* Brand., 1888a, 67, t. h. *Stomias* sp.; Brazil.—1888: *Holost*.
- megalocotyle* Mont., 1893, 52.—1893: Dist.
- megaloon* Linst., 1879, 337, t. h. *Lacerta agilis*.—1879: Dist.
- megastomum* Wagener, 1857, 57, t. h. *Cyprinus blicca*, *C. amarus*.—1857: *Dactylogyrus*.
- megastomum* Rud., 1819a, 102, t. h. *Squalus galeus*; Arimini.—1819: Dist. 1886: D. (*Brachylaimus*). 1900: *Ptychogonimus* (type).
- megastomum* Grobben, 1878a, 89, t. h. *Portunus depurator*.—1878: Dist.
- megastomum leporis* Kuhn (1829c).—1829: Dist.
- megastomus* Looss, 1902m, 533, t. h. *Chelone mydas*; Egyptian coast—1902: *Cricoccephalus*.
- megatocyle* Linst., 1903, 354, misprint for *megalocotyle* Mont. (Dist.).
- megnini* J. Poir., 1885, 4, t. h. a fish.—1885: Dist. 1893: D. (*Accacœlium*). [1893: D. *macrocotyle*.]
- megninii* Mont., 1893, 102, for *megnini* 1885 (Dist.).
- melanocystis* Staff., 1904, 483, t. h. *Lophius piscatorius*; Canada.—1904: *Xenodist* (type).
- melanoglena* Dies., 1855a, 393, *Melanoglena bipunctata* renamed.—1855: *Histrionella*. 1858: *Glenocerc*.
- melanoglena* Pag., 1862, 298.—1862: *Cerc*.
- melanops* Dies., 1855a, 400, based on *Cerc. paludinæ impuræ* Baer, 1827b, 655.—1855: *Cercariæum*. 1858: *Histrionellina*.
- melis* Schrank, 1788, 17, t. h. *Dachs*, *Meles*; Europe; *Planaria teres* Goeze, pro parte, renamed.—1788: *Fasc*. 1800: Dist. 1809: *Plan*. [1850: D. *trigonocephalum*.]
- melolonthæ* Hammerschmidt, in Leuck., 1835, 88, *nomen nudum*, t. h. an insect; Europe.—1835: *Klepsitromis* (type).
- mentolatum* Mueh., 1898, 19, for *mentulatum*.—1898: (Dist.).
- mentulatum* Rud., 1819a, 103, t. h. *Colubernatrix Lacerta agilis*, *L. maculata*; Europe—1819: Dist. 1845: D. (*Brachylaimus*). 1899: *Lepoderma*. 1899: *Plagiorchis*.
- mergi* Rud., 1819a, 121, t. h. *Mergus albellus*; C. E. V.—1819: Dist. [1850: D. *baculus*.]
- merlangi* Kuhn, 1829b, t. h. *Gadus merlangus* and *Cymothoa oestroides* on Boops.—1829: *Octost*. 1832: *Octobothrium*. 1832: ? *Polyst*. 1838–40: *Diclidophora*. 1845: *Octobothrium* (*Cyclocotyle*). 1850: [*Diclidophora longicollis*]. 1888: *Octocotyle*. 1895: *Dactylocotyle*.
- merlangi carbonarii* Dies., 1858e, 341, renamed *anonymum* 1858e, 341; based on Bellingham, 1844, 428.—1858: Dist.
- merlangi vulgaris* Dies., 1858e, 341, renamed *anonymum* 1858e, 341; based on Bellingham, 1844, 428.—1858: Dist.
- merlangorum* Dies., 1855, 64, based on Bellingham, 1844.—1855: Dist.
- merlucii* Ben. & Hesse, 1863, 1864, 105, t. h. *Merlucius vulgaris*.—1863 or 1864: *Anthocotyle* (type).
- merlucii* Ben. & Hesse, 1863, 1864, 93, t. h. *Merlucius vulgaris*.—1863: *Udonella*.
- merlucii* Tasch., 1879k, 247, for *merlucii* (*Anthocotyle*).

- meropsis* Rud., 1819a, 120, t. h. *Merops apiaster*; C. E. V.—1819: Dist. [1850: D. triangulare.] 1896: D. (*Brachylaimus*).
- mesocœlium* Cohn, 1903, 35, t. h. *Draco volans*; Java.—1903: *Hoploderma* (type). [1907: *Pintneria*, type.]
- mesostoma* Rud., 1803a, 28, t. h. *Krametsvogel* [*Turdus iliacus*]; Greifswald, November.—1803: Fasc. 1809: Dist. 1892: D. (*Brachylaimus*). 1902: Harmost.
- mesosternum* Linst., 1873, 101, apparently for *mesostomum* (Dist.).
- metæcus* Braun, 1900f, 389, t. h. *Vespertilio lasiopterus*, V. noctua; Vien. Mus.—1900: Dist. 1900: *Crepidost.* (type).
- mexicana* Vayssière, 1898, 227, t. h. *Cambarus digneti*; Mexico.—1898: *Temnocephala*.
- michælis* Mont., 1892, Oct. 7, 168, t. h. *Cantharus vulgaris*; Triest.—1892: *Cotylogaster* (type).
- micracantha* Dies., 1858d, 259, syn. *Cerc. armata* Fil., 1855b, 3–5, t. h. *Triton punctatus*, *Lymnæus palustris*.—1858: *Cerc.* (*Acanthocephala*).
- micracanthum* Stoss., 1889, 29, t. h. *Pagellus erythrinus*; Triest.—1889: Dist. 1903: D. (*Dicrocœlium*).
- micracanthus* Massa, 1903, see *micrachanthus* (*Trochopus*)
- micrachanthus* Massa, 1903, 225, t. h. *Trigla hirundo*.—1903: *Trochopus*.
- microbothorium* Fischder., 1902a, 21, for *microbothrium* (*Paramphist.*).
- microbothrium* Fischder., 1901a, 369, t. h. *Antelope dorcas*; Coll. Vien. and Vet. School, Berlin.—1901: *Paramphist*.
- microcanthus* Massa, 1906, 66, for *micracanthus* (*Trochopus*).
- microcephalum* Baird, 1853, 58, t. h. *Acanthias vulgaris*; Falmouth Harbor.—1853: Dist. [D. *veliporum*.]
- microcephalum* Crép., 1837, 311, 1849, 64, in *Corvus cornix*.—1837: Dist.
- microcephalum* Rud., 1819a, 88 lapsus for *microstomum*.—1819: *Amphist*.
- microcœcum* Rud., 1819a, 101, t. h. *Glareola austriaca*; Arimini.—1819: Dist. 1901: *Phaneropsolus*. 1892: D. (*Brachylaimus*).
- microcotyla* Fil., 1854a, 7; 1854b, 260; t. h. *Paludina vivipara*, P. *achatina*; Lake Varese and Lombardia.—1854: *Cerc.* 1855: C. (*Xiphidiocerc.*). 1858: C. (*Acanthocephala*). [1858: Dist. *tetracystis*.] [1905: *Cystagora*, type.]
- microcotyle* Dies., 1858e, 340, t. h. *Rhombus maximus*; Ireland; based on Bellingham, 1844, 428.—1858: Dist.
- microcristata* Erc., 1881 or 1882, see Par., 1894, 161, t. h. *Bythinia cristata*; Bologna.—1881?: *Cerc.*
- microdactyla* Mont., 1903, 1, t. h. *Dilocarcinus septemdentatus*; Matto Grosso.—1903: *Temnocephala*.
- micropharyngeum* Luehe, 1898g, 623, t. h. *flamingo*; Barberei.—1898: Dist. 1900: *Gymnophallus*.
- microphylla* Ben., 1870, 70, t. h. *Osmerus eperlanus*.—1870: Dist.
- microporum* Mont., 1889, 322, t. h. *Plagyodus ferox*; Madeira.—1889: Dist. 1891: *Apoblema*. 1899: *Hemius*.
- micropteri* Marshall & Gilbert, 1905, 481, t. h. *Micropterus salmoides*, M. *dolomieu*; near Madison, Wis.—1905: *Leuceruthrus* (type).
- micropterygis* Richardi, 1902, 4, t. h. *Micropteryx dumerilii*.—1902: *Didymozoon*. 1902: *Monost.* 1902: *Didymost.* [1902: D. *bipartitum*.]
- microsoma* Rud., 1809a, 109, t. h. *Perca marina*; Naples.—1819: Dist.
- microsomum* Dies., 1850a, 370, for *microsoma* (Dist.).
- microstomum* Rud., 1809a, 50, t. h. *Pleuronectes solea*; Paris.—1809: Dist.
- microstomum* Rud., 1809a, 342, t. h. *Corvus caryocatactes*; Greifswald, Europe.—1809: *Amphist.* 1845: *Holost.*
- microstomum* Crép., 1829, 49, t. h. *Fulica atra*; Greifswald.—1829: *Monost.* [1850: M. *mutabile*.]
- microtyla* Moul., 1856a, 80, for *microcotyle* (*Cerc.*).
- micrura* Fil., 1857c, 5, t. h. *Paludina impura*.—1857: *Cerc.* 1858: C. (*Acanthocephala*). [1894: Dist. *globiporum*.]
- midæ* Dies., 1850a, 325, for *mydæ*.—*Planaria*. [1850: *Monost. trigonocephalum*.]
- midas* Kuhl & van Hasselt, (1824 or 1822?).—*Polyst.*
- miescheri* Zschokke, 1890, 764, t. h. *Trutta salar*.—1890: Dist. (*Cladocœlium*).

- miescherii* Mont., 1893, 153, for *miescheri* (Dist.).
- migrans* Duj., 1845a, 407, *Brachylaimus advena* renamed, hence type of *Brachylaima*; hosts *Sorex araneus*, *S. leucodon*.—1845: Dist. (*Brachylaimus*, type).
- migras* Stoss., 1892, 19, misprint for *migrans* 1845 (Dist.).
- miliaris* Brown, 1881, 329, misprint for *militare* 1803 (Dist.).
- militaris* Rud., 1803a, 30, t. h. *Scolopax arquata*; Greifswald, January.—1803: Fasc. 1809: Dist. (Echinost.). 1860: Echinost.
- milvi* Gmelin, 1790a, 3054, t. h. *Milvus*.—1790: Fasc. 1803: Dist. [1819: *D. echinocephalum*.]
- minima* Ben., 1870, 67, t. h. *Clupea sprattus*.—1870: Dist.
- minumum* Wagener, 1852, 558, t. h. *Trigla microlepidota*.—1852: Gasterost.—1858: Rhipidocotyle.
- minimum* Stoss., 1887, 96, t. h. *Labrax lupus*; Triest.—1887: Gasterost.
- minor* Haswell, 1887a, 284, t. h. *Astacopsis bicarinatus*; New South Wales.—1887: Temnocephala.
- minor* St.-Remy, 1898, 551, minus Olsson, 1876 [*Octobothrium*] renamed.—1898: Dactylocotyle.
- minor* Wagener, 1857, 60, t. h. *Cyprinus alburnus*.—1857: Dactylogyrus.
- minor* Goto, 1894a, 205, t. h. *Scomber colias*; Japan.—1894: Octocotyle.
- minor* Mont., 1888, 16, t. h. *Scyllium*.—1888: Pseudocotyle. 1905: P. (*Leptocotyle*, type).
- minor* Looss, 1901d, 437, t. h. *Labrus merula*; Triest.—1901: Derogenes.
- minus* Cerf., 1898b, 330, t. h. *Raja* sp.; Roscoff.—1898: Merizocotyle.
- minus* Olss., 1876, 10, t. h. *Gadus melanostomus*.—1876: Octobothrium.
- minuta* Looss, 1899b, 585, t. h. dogs and cats at Cairo and *Ardea cinerea* at Damietta, Egypt.—1899: Ascocotyle.
- minuta* Erc., 1881 or 1882, see Par., 1894, 163, t. h. *Bythinia tentaculata*; Bologna.—1881?: Cerc.
- minuta* Nitzsch, 1817, 46, in various fresh-water mollusks; Halle.—1817: Cerc. 1855: C. (*Eucercaria*). 1858: C. (*Gymnocephala*).
- minutissimum* Stoss., 1896, 130, t. h. *Anas boschas*; Doberdò.—1896: Monost.
- minutissimus* Looss, 1901, 618, t. h. *Chelone mydas*; Egypt.—1901: Pleurogonius.
- minutum* Cobbold, 1859d, 364, t. h. *Hæmatopus ostralegus*.—1859: Dist.
- minutus* Looss, 1901e, 604, t. h. *Uranoscopus scaber*; apparently Triest.—1900: Stephanochasmus.
- minutus* Fischder., 1901, 372, t. h. *Antilope* sp., *Tragelaphus scriptus*; Kamerun.—1901: Gastrothylax.
- miocerca* Mont., 1888, 77, for *myocerca* (Cerc.).
- mirabilis* Braun, 1891c, 218, t. h. *Limnæus palustris* var. *corvus*.—1891: Cerc.
- mirus* Looss, 1901d, 439, t. h. *Labrus merula*; Triest.—1901: Zoogonus (type).
- mastroides* Mont., 1896, 144, constricted Leared, renamed.—[1896: Dist.] [1896: Mesogonimus.] [1908: Hapalotrema (type).]
- mitsukurii* Goto, 1894a, 227, t. h. *Rhina* sp.; Mitsugahama, Japan.—1894: Calicotyle. 1898: Calycotyle.
- [*modestum* Sluiter, 1898 (Dist.), a tunicate.]
- mola* Bl., 1847a, 326, t. h. *Orthagoriscus mola*.—1847: Trist. [1850: *T. rudolphianum*.]
- mola* Maclaren, 1904, 573, t. h. *Orthagoriscus mola*.—1904: Nematobothrium.
- mola* Rud., 1819a, 87, t. h. *Orthagoriscus mola*; Naples.—1819: Monost. [1850: Dist. okenii.]
- moleculum* Linst., 1880, 51, t. h. *Rallus pygmaeus*.—1880: Dist. 1892: D. (*Brachylaimus*).
- molini* Polonio, 1859, teste Par., 1894, 148, t. h. *Rana esculenta*; Padua.—1859: Dist.
- molinii* Par., 1894, 148, for *molini*, 1859 (Dist.).
- molle* Leidy, 1856, 43, t. h. *Sternotherus odoratus*; U. S. A.—1856: Monost. 1894: Dist. (*Polyorchis*). 1896: *Polyorchis*. 1896: *Pleorchis*.
- mollis* Wedl, 1857, 272, t. h. *Cyprinus carpio*.—1857: Gyrodactylus. 1858: Dactylogyrus.
- mollissimum* Mont., 1893, 96, for *mollissimum* (*Apoblemma*).

- mollissimum* Levin., 1881, 59, t. h. *Cottus scorpius*; Egedesminde.—1881: Dist. 1886: D. (Apoblema). 1889: Apoblema. 1889: Hemiusus. [1905: *Lecithaster gibbosus*.] 1907: *Lecithaster*.
- mollissimum* Mont., 1891, 521, for *mollissimum* (Apoblema).
- mollissimum* Mont., 1891, 520, for *mollissimum* (Apoblema).
- molva* Ben. & Hesse, 1863, 1864, 94, t. h. *Lota molva*.—1863, 1864: *Pteronella* (type). 1878: *Udonella*.
- molva* Cerf., 1895h, 944.—1895: *Dactylocotyle*.
- monas* Rud., 1819a, 679, t. h. *Amphisbæna* sp.; Brazil.—1819: Dist. 1896: D. (*Brachylaimus*).
- monenteron* Wagener, 1857, 52, etc., t. h. *Esox lucius*.—1857: *Dactylogyrus*. 1858: *Tetraonchus*, probably type.
- mongeotii* Bory de St.-Vincent, 1823a, 354, in water.—1823: Cerc.
- monorchis* Stoss., 1890, 40, t. h. *Cantharus orbicularis*; Triest.—1890: Dist. 1893: D. (*Monorchis*, type). 1902: *Monorchis*, type.
- monostomi* Linst., 1896i, in 375, perhaps young of *Monost. mutabile*, t. h. *Lymnæa ovata*, L. peregra; Germany.—1896: Cerc.
- monroi* Goodsir, (1844), t. h. *Gadus morrhua*.—1844: *Neuronaia*, type.
- monroi* Goodsir, teste Gulliver, 1872, 103, see *monroi* (*Neuronaia*).
- monstruosum* Braun, 1901, 944, t. h. *Corone venustissima*; West Indies.—1901: *Ochetosoma* (type).
- monticelli* Mont., 1902, 143, for *monticellii* (*Epibdella*).
- monticellii* Lint., 1898, 518, t. h. *Remora remora*; Woods Hole.—1898: Dist. 1899: *Hemiusus*.
- monticellii* Stoss., 1904, 2, t. h. *Tropidonotus viperinus*, intestine; Naples.—1904: *Astiotrema*.
- monticellii* Scott, 1902, 300, t. h. *Raia clavata*; Scotland.—1902: *Acanthocotyle*.
- monticellii* Par. & Perugia (1895), 2.—1895: *Phylline*. 1896: *Epibdella* (*Phylline*). 1903: E. (*Benedenia*).
- mordax* Looss, 1899b, 688, t. h. *Pelecanus onocrotalus*; Egypt.—1899: *Echinost.*
- mordens* Braun, 1901g, 941, t. h. *Rallus* sp.; Brazil.—1901: *Harmost.*
- mormiri* Mont., 1888a, 34, for *mormyri* (*Microcotyle*).
- mormyri* Lorenz, 1878a, 21, t. h. *Pagellus mormyrus*; Triest.—1878: *Microcotyle*.
- mormyri* Stoss., 1885, 160, t. h. *Pagellus mormyrus*; Triest.—1885: Dist. 1886: D. • (*Brachylaimus*). [1899: ?*Creadium*.]
- mormyris* Hausmann, 1897b, 28, for *mormyri* (Dist.).
- morrhua* Ben. & Hesse, 1863, 106, t. h. *Gadus morrhua*.—1863: *Pterocotyle*. 1879: *Octobothrium*. 1890: O. (*Pterocotyle*). 1898: *Dactylocotyle*.
- motellæ* Ben., 1870, 63, t. h. *Motella mustela*.—1870: Dist.
- [*mucosum* von Dr. (Dist.), a tunicate.]
- mühlingi* Jægers., 1899a, 7, t. h. *Larus ridibundus*; Pillau.—1899: Dist. 1899: *Tocotrema*.
- muehlingi* Looss, 1899b, 586, for *mühlingi* (*Tocotrema*).
- muellerii*, see *mülleri* (Dist.).
- mülleri* Cobbold, 1860a, 50, t. h. *Petromyzon fluviatilis*.—1860: *Diplost.*
- mülleri* Levin., 1881a, 56, t. h. *Cottus scorpius*, *Gadus ovak*; Egedesminde.—1881: Dist. 1886: D. (*Brachylaimus*). 1899: *Progonus* (type). [1902: *Genarches* (type).] 1905: *Genarches* (type).
- mugilis* Vogt, 1878, 327, t. h. *Mugil cephalus*; Roscoff.—1878: *Microcotyle*.
- mugylis* Sons., 1891, 253, for *mugilis* (*Microcotyle*).
- mullerii* Mont., 1888, 34, 37, for *mülleri* (Dist.).
- mulli* Stoss., 1883, 114, t. h. *Mullus barbatus*; Triest.—1883: Dist. 1886: D. (*Echinost.*).
- multilobum* Cobbold, 1860a, 46, t. h. *Charadrius pluvialis*.—1860: *Holost.*
- munroi* Brown, 1899a, 490, for *monroi* (*Neuronaia*).
- marænulæ* Cobbold, 1860a, 43, for *marænulæ* (*Monost.*).—[1860: *M. braunii*.]
- muris* Erc., 1882c, pl. 3, figs. 16–21.—1882: Dist.

- mus hepatica* Röederer, 1762, 537, t. h. *Mus musculus*; Germany.—1762: Fasc. [1905: *Cysticercus fasciolaris*.]
- musculi* Rud., 1819a, 119, t. h. *Mus musculus*; Cat. Vien.—1819: Dist. [See *D. recurvum*.]
- musculicola* Waldenburg, 1860, 12, t. h. *Cyprinus*, *Perca fluviatilis*.—1860: Holost. 1892: Diplost. 1894: Tetracotyle.
- musculorum* Braun, 1893, 871, *musculorum percæ*, 1860, renamed; in *Perca fluviatilis*.—1893: Dist.
- musculorum percæ* Waldenburg, 1860, 16, t. h. *Perca fluviatilis*.—1860: Dist.
- musculorum suis* Duncker, 1896, 279, t. h. *Sus scrofa dom.*; Germany.—1896: Dist. [1898: *Agamodistomum suis*.]
- musculosum* Johnston, 1904, 112, t. h. *Sterna bergii*.—1904: Holost.
- musculum* Brett, 1880a, 453, t. h. *Ovis aries*.—1880: Dist.
- mutabile* Mol., 1859, 833, t. h. *Podarcis muralis*; Padua, Italy.—1859: Dist. 1895: *D. (Dicrocoelium)*. 1901: *Dicrocoelium*. 1902: *Anchitrema*.
- mutabile* Zed., 1800a, xvi, t. h. *Fulica chloropus*; Germany.—1800: Monost. 1809: Monost. (Monost.). 1835: Amphist. 1890 (1888?): Monost. (type). [1892: *Cyclocœlum*, type.] [1901: *Cyclocœlum*, type.] 1902: *Cyclocœlum* (type). 1904: (*Cyclocœlum*).
- mutabile* Dies., 1850a, 301, *Diplodiscus diesingi* renamed, t. h. *Planorbis nitidus*; Ticini.—1850: *Diplocotyle* (type). 1894: *Diplodiscus* (*Diplocotyle*). [1858: *Diplodiscus subclavatus*.]
- mutabilis* Schrank, 1803, 210.—1803: Fasc.
- mutabilis* Dies., 1850a, 317, *urnigerum* 1819 renamed, t. h. *Pelophylax esculentus*; Europe.—1850: *Codonocephalus* (type). 1896: Diplost. (*Codonocephalus*).
- mutabilis* Dies., 1839a, 234, t. h. *Cataphractus n. sp.* [*Cichla temensis*]; Rio Negro, Brazil.—1839: *Aspidocotylus* (type). 1850: *Aspidocotyle* (type).
- mutabilis* Stoss., 1902, 579, t. h. *Anguillula vulgaris*; Trieste.—1902: *Loborchis*. 1903: *Helicometra*.
- mutabilis* Eichwald, —.——: *Planaria*.
- mydæ* Braun, in Rud., 1809a, 336, as syn. of *Monost. trigonocephalum*.—1809: *Planaria*.
- mydæ*, see *midas* (Polyst.).
- mydas*, see *midas*.
- myliobatis* Tasch., 1878, 574, t. h. *Myliobatis aquila*; Naples.—1878: *Monocotyle* (type).
- myocerca* Villot, 1878, 32, t. h. *Scrobicularia tenuis*.—1878: Cerc.
- mystacidis* Linst. 1896i, 379, t. h. *Mystacides nigra*.—1896: Dist.
- myzura* Pag., 1881, 18, t. h. *Neritina fluviatilis*.—1881: Cerc.
- naia* Duj., 1845a, 387, for *naja*.—1845: Dist. (*Dicrocoelium*).
- naidis proboscidiæ* Dies., 1858d, 283.—1858: *Cercariaeum*.
- naja* Rud., 1819a, 99, t. h. *Coluber natrix*; Berlin.—1819: Dist. 1845: *D. (Dicrocoelium)*. 1899: *Macrodera* (type). 1902: *Saphedera* (type).
- nana* Rud., 1802b, 68, t. h. *Scolopax gallinula*; Greifswald, July.—1802: Fasc. 1809: Dist. 1901: *Plagiorchis*.
- nanodes* Braun, 1901g, 942, t. h. *Falco nitidus*; Brazil.—1901: *Urorygma* (type).
- nardo* Polonio, 1859, see Par., 1894, 147, t. h. *Lacerta muralis*; Padua.—1859: Dist.
- nassæ mutabilis* Fil., 1855b, 22.—1855: Dist.
- nattator* Claparède, 1863a, 13, free.—1863: *Onchogaster* (type).
- nattereri* Cobbold, 1860a, 52, *cornu* Dies., 1839a, renamed; t. h. *Callichthys vacu*; Brazil.—1860: Amphist.
- negacotyle* Dies., 1850a, 379, misprint for *megacotyle* (Dist.).
- neglecta* Fil., 1854b, 278, t. h. *Lymnæus pereger*; prope Augustam Taurinorum.—1854: Cerc. 1855: *C. (Eucercaria)*. 1858: *C. (Gymnocephala)*.
- neglectum* Linst., 1887d, 101, t. h. *Rana temporaria*.—1887: Dist. 1889: *D. (Dicrocoelium)*. [1899: *Pleurogenes claviger*.]
- nematoides* Cohn, 1904, 238, t. h. *Aquila albicilla*.—1904: *Pronopharynx* (type).
- nematoides* Crep., 1846, 129, t. h. *Falco albicilla*.—1846: Monost.
- nematoides* Mueh., 1898, 18, t. h. *Tropidonotus natrix*; East Prussia.—1898: Dist. 1899: *Telorchis*.

- nephriticum* Mehlis, in Crep., 1846, 138, t. h. *Colymbus arcticus*.—1846: Monost. 1904: Eucotyle (type).
- nephrocephalum* Dies., 1850a, 391, t. h. *Turdus saxatilis*; M. C. V.—1850: Dist. 1860: Echinost.
- nephrocephalum* Dies., 1858e, 327, in *Sphargus coriacea*; N. America; renicapite Leidy, 1856, renamed.—1858: Monost.
- nephrops* Cunningham, 1884a, 399, t. h. *Nephrops norvegicus*; Firth of Forth.—1884: Stichocotyle (type).
- neuroaia monroii* Maddox, 1867, 97, see *monroii*.—1867: Dist.
- neuronaii monroii* Cobbold, 1872b, 52, for *neuroaia monroii* (Dist.).
- nigra* Mueller, 1774, 54, in rivo.—1774: Fasc. 1787: Planaria.
- nigrescens* Olss., 1876, 19, t. h. *Lophius piscatorius*.—1876: Dist.
- nigroflavum* Rud., 1819a, 118, t. h. *Orthogoriscus mola*; Naples.—1819: Dist. (Echinost.). 1893: D. (Accacœlium). 1899: Accacœlium. 1903: Echinost.
- nigropunctatum* Linst., 1883, 310, t. h. a bird "Akatzä," Turkestan.—1883: Monost.
- nigrostavum* Deslongchamps, 1829, 238, misprint for *nigroflavum* Rud. (Dist.).
- nigrovenosum* Bellingham, 1844, 429, t. h. *Tropidonotus natrix*; England.—1844: Dist. 1895: D. (Dicrocoelium). 1899: Lecithodendrium. 1902: Brachycoelium.
- nigrovenosum natrix* *torquata* Dies., 1855, 64, based on Bellingham, 1844.—1855: Dist.
- nigrum* Linst., 1883, 307, t. h. *Corvus cornix*.—1883: Dist.
- nipponicum* Goto, 1891a, 151, t. h. *Carassius vulgaris*.—1891: Diplozoon.
- nitens* Lint., 1898c, 534, t. h. *Tylosurus caribbaeus*; Woods Hole.—1898: Dist.
- nitidum* Leidy, 1856, 45, t. h. *Rana pipiens*.—1856: Holost.
- [*nitidum* Sluiter, 1898, 17 (Dist.), a tunicate.]
- noctulæ* Cobbold, 1860a, 39, *vespertilionis* Rud., renamed, t. h. *Vespertilio noctula*.—1860: Monost.
- noctulæ* Rud., 1819a, 119, t. h. *Vespertilio noctula*; C. E. V.—1819: Dist.
- nocturnus* Looss, 1907, 479, t. h. *Athene noctua*; Egypt.—1907: Philophthalmus.
- nodulosa* Linst., 1873, 3, t. h. *Bythinia tentaculata*.—1873: Cerc. [1894: C. *virgula* Fil.]
- nodulosa* Froelich, 1791, 76, includes *percæ cernuæ* 1776, t. h. *Perca cernua*, P. *fluvialis*.—1791: Fasc. 1800: Dist. 1845: Dist. (Crossodera, type). 1860: Crossodera. [1896: Bunodera, type.] 1899: Bunodera, type.
- non coronata* Crep., 1837a, 326.—1837: Dist. [As name of a group of distomes.]
- nordmanni* Dies., 1850a, 428, t. h. *Brama mediterranea*.—1850: Encotyllabe (type). 1878: Trist. 1890: Plectanocotyle.
- normanni* Braun, 1890a, 550, for *nordmanni* (Encotyllabe).
- notidobiæ* Linst., 1896i, 379, t. h. *Notidobia ciliaris*.—1876: Dist.
- notulata* Bosc, 1802a, 254.—1802: Planaria.
- novæ-zelandiæ* Haswell, 1887a, 284, t. h. *Paranephrops setosus*; New Zealand.—1887: Temnocephala.
- noverca* Braun, 1902, 836, "conjunctum Cobbold" of Lewis & Cunningham, 1872, renamed, t. h. *Homo*; India.—1902: Opisthorchis. 1907: Dist.
- nozawæ* Goto, 1894a, 249, t. h. *Thynnus sibi*; Japan.—1894: Trist.
- obesa* Ben., 1870, 33, t. h. *Cottus scorpius*.—1870: Dist.
- obesum* Looss, 1902h, 135, t. h. *Mugil auratus*, M. *cephalus*, M. *chelo*; Triest.—1902: Saccocœlium (type).
- obesum* Dies., 1850a, 361, t. h. *Leporinus friderici*, *Salminus brevidens*, *Xiphostoma cuvieri*; Brazil.—1850: Dist.
- obesus* Crep., 1851b, 292, t. h. *Lacerta agilis*.—1851: Tetrathyrus (type). 1866: Petratyrus. [Monost. *lacertæ*.] [1860: Monost. *gurtii*.] [Dithyridium, *Piestocystis*, cestode.]
- obliquus* Looss, 1901, 30 Oct., 566, "trigonocephalus Rud." of Looss, 1899b, 666, 756, figs. 84–86.—1901: Pronocephalus (type).
- oblonga* Cobbold, 1858b, 168, t. h. *Delphinus phocæna*.—1858: Campula (type). 1891: Dist. 1892: D. (*Brachylaimus*). 1898: Opisthorchis.
- oblongum* Mont., 1888a, 57, for *oblongum* (Polyst.).

- oblongum* Cobbold of Braun, see Looss, 1902m, 716 (*Brachycladium*).
- oblongum* R. Wright, 1879, 12, t. h. *Aromochelys* (*Sternothærus*) *odoratus*; Toronto, Canada.—1879: Polyst.
- obovatum* Mol., 1858, 288, t. h. *Chrysophris aurata*; Padua.—1859: Dist. 1886: D. (*Brachylaimus*). [1899: *Creadiinae*.] 1901: *Allocreadium*.
- obscura* Mueller, 1774, 65, in piscinis.—1774: Fasc. 1776: *Planaria*.
- obscura* Sons., 1892, Oct. 7, 138, t. h. *Limnæa natalensis*; Cairo, Egypt.—1892: Cerc.
- obscurum* Staff., 1904, 484, t. h. *Lophius piscatorius*; Canada.—1904: *Leptosoma* (type).
- obscurum* Leidy, 1887, 24, t. h. *Megalops thrissoides*; Coll. Army Med. Mus., Wash.—1887: Monost.
- obtusum* Looss, 1896b, 78, t. h. *caméléon*, Alexandria, Egypt.—1896: Dist. 1899: *Lecithodendrium*.
- occidentalis* Nickerson, 1900, 250, t. h. sheepshead; Mississippi Valley.—1900: *Cotylogaster*.
- occidualis* Staff., 1905, 687, t. h. *Rana clamata*, *R. catesbiana*; Canada.—1905: *Halipegus*.
- occultum* Staff., 1905, 682, t. h. *Diemyctylus viridescens* Raf., *Rana virescens*; Canada.—1905: *Manodist.* (type).
- ocellata* LaValette, 1855, 22, t. h. *Limnæus stagnalis*.—1855: Cerc. [1858: *Histrionellina fissicauda*.]
- ocellatum* Rud., 1819a, 125, t. h. *Testudo orbicularis*; Arimini.—1819: Polyst. 1828: *Hexacoctyla*. 1828: *Hexacotyle*.
- ochreatum* Nitzsch, in Giebel, 1857, 265, t. h. *Falco haliaëtus*.—1857: Holost.
- ocreata* Rud., 1802b, 79, *halecis* 1790 renamed; t. h. *Clupea harengus*.—1802: Fasc. 1809: Dist. 1845: D. (*Apoblema*). 1889: *Apoblema*. 1899: *Pronopyge* (type).
- ocreata* Goeze, 1782a, 182, t. h. Maulwurf; Europe.—1782: Fasc. 1788: *Cucullanus*. 17—: *Festucaria* (Schrank). 1800: Monost. 1809: M. (Monost). 1899: Dist. [1899: *Ityogonimus*, type.] 1902: *Ityogonimus*. [*Distomum lorum*.]
- ocreatum* Mol., of Olss., 1868, 48.—1868: Dist. 1891: *Apoblema*. 1899: *Hemiuirus*. [1905: *Brachyphallus crenatus* (Rud.).]
- ocreatum* Rud. of Mol., 1858, 209, in *Clupea alosa*; Padua.—1858: Dist.
- octopodis* Cuvier, 1829b, 147.—1829: *Hectocotylus* (type).
- octopodis* delle Chiaje, 1841, 139.—1841: Dist.
- octopodis* delle Chiaje, teste Par., 1894, 169, t. h. *Octopus vulgaris*; Naples.— —: Monost.
- ocular* de Bonis, 1882, 180, for *oculare*.—1882: Dist. [*Agamodist. ophthalmobium*.]
- oculare* Moquin-Tandon, 1860, 347, for D. *oculi humani*.—1860: Dist. 1860: Fasc. [*Agamodist. ophthalmobium*.]
- oculatum* Levin., 1881a, 64, t. h. *Cottus scorpius*; Egedesminde.—1881: Dist. 1886: D. (*Echinost.*). 1905: *Acanthopsolus* (type).
- oculi humani* Gescheidt, 1833, 434, t. h. *Homo*; Dresden, Saxony.—1833: Dist. 1858: *Dicrocoelium*. [*Agamodist. ophthalmobium*.]
- oculis* Moquin-Tandon, 1861, 375, for *ocularis*.—1861: Fasc. [*Agamodist. ophthalmobium*.]
- oculobium* Cohn, 1902d, 712, t. h. *Vanellus melanogast.*; Greifswald coll.—1902: Monost.
- odontocotyla* Dies., 1858d, 264, t. h. *Lymnæus stagnalis*; Berlin.—1858: Cerc.
- æsophiagi ardææ nigræ* Viborg, 1795, 242.—1795: Dist. [1850: D. *hians*.]
- oidemæ nigræ* Dies., 1858e, 322, based on Bellingham, 1844a, 340.—1858: *Amphist.* [1858: Holost. *anatis nigræ*.]
- okeni* Ariola, 1906, 186, for *okenii* (Dist., *Köllikeria*).
- okenii* Kölliker, 1849c, 55, t. h. *Brama raji*.—1849: Dist. [1860: *Köllikeria*.]
- okul' humani* Schneidemuehl, 1896, 302, for *oculi humani*.—1896: Dist.
- oligoon* Linst., 1887d, 103, t. h. *Gallinula chloropus*.—1887: Dist. 1892: D. (*Brachylaimus*).
- oligoterus* Mont., 1899, 76, t. h. *Raja clavata*; Naples.—1899: *Acanthocotyle*.
- oloris* Dies., 1855, 64, based on Bellingham, 1844, 427.—1855: Dist.
- olssoni* Odhn., 1905, 326, t. h. *Gadus melanostomus*; Lumprenus maculatus from west coast of Sweden.—1905: *Podocotyle*.

- olssoni* Rail., 1900, 239, t. h. *Apus apus*.—1900: *Dicrocoelium*.
- onchacanthus* Massa, 1906, 44, t. h. unknown; Triest.—1906: *Trochopus*.
- onchidiocotyle* Setti, 1899, 121, t. h. "tonno;" Portoferraio.—1899: *Trist*.
- onycephalum* Galli-Valerio, 1898, 923, misprint for *oxycephalum* (Dist.).
- opaca* Bory de St. Vincent, 1823a, 354, in infusions de pois.—1823: *Cerc*.
- opaca* Staff., 1902, 416, t. h. *Bufo lentiginosus*; America.—1902: *Gorgodera*. 1905: *Gorgoderina*.
- opacum* Ward, 1894, 173, t. h. *Amia calva*, *Cambarus propinquus*, *Ictalurus punctatus*, *Perca flavescens*; Lake St. Clair.—1894: *Dist*. 1894: *D. (Brachycoelium)*. 1899: *Levinsenia*. 1901: *Microphallus* (type).
- operculata* Herbst, 1787a, 36.—1787: *Planaria*.
- ophthalmobium* Dies., 1850a, 334, *oculi humani* renamed; Dresden.—1850: *Dist*. 1892: *Agamodist*.
- ophthalmothium* Luehe in Stiles, 1903u, 223, for *ophthalmobium* (*Agamodist*).
- opisthotrias* Lutz, 1895, 181, t. h. *Didelphys aurita*.—1895: *Dist*. 1899: *Harmost*. 1899: *Heterolope*.
- orbicolare* Sons., 1891, 262, misprint for *orbiculare* (*Monost.*).
- orbiculare* Dies., 1850a, 349, t. h. *Cebus trivirgatus*; Brazil.—1850: *Dist*. 1901: *Phaneropsolus*.
- orbicular* Rud., 1819a, 83, t. h. *Sparus salpa*; Naples.—1819: *Monost. (Monost.)*. 1901: *Mesometra* (type).
- orbis* Mueller, 1786, 138, in aqua, ubi Lemna, rarissime.—1786: *Cerc*. 1815: *Furco-cerca*. 1827: *Lecane*.
- oricola* Leidy, 1884a, 47, t. h. *Alligator mississippiensis*; Florida.—1884: *Dist*. [1895: *D. pseudostomum*.]
- oricula* Mont., 1892, 715, misprint for *oricola* (*Dist.*).
- ornata* LaValette, 1855, 18, t. h. *Planorbis corneus*.—1855: *Cerc*. 1858: *C. (Acanthocephala)*. [1858: *Dist. clavigerum*, type of *Pleurogenes* 1899.]
- ornata* Will.-Suhm, 1870, 9, t. h. *Alligator lucius*; Charleston.—1870: *Polycotyle* (type).
- ornata* Odhn., 1902, 22, t. h. *Nilkrokodil*.—1902: *Stephanoprora* (type).
- ornatum* Leidy, 1856, 43, t. h. *Rana pipiens*; Phila.—1856: *Monost*.
- ornatum* Cobbold, 1882a, 240, t. h. *Elephas indicus*; India.—1882: *Amphist*. 1895: *Pseudodiscus*.
- ornithorhynchi* Johnston, 1901, 334, t. h. *Ornithorhynchus anatinus* Shaw.—1901: *Dist*.
- orphii* Ben. & Hesse, 1863, 116; 1864, 116, t. h. *Esox belone*.—1863: *Axine*. [1879: *A. belones*.]
- orthagorisci molæ* Dies., 1855, 64, based on Bellingham, 1844, 429.—1855: *Dist*. [1850: *D. macrocotyle*.]
- orthocœlium* Fischder., 1901, 369, t. h. *Bos kerabau*; Ceylon.—1901: *Paramphist*.
- osculatum* Looss, 1901, 654, t. h. *Motella vulgaris*.—1901: *Dist*.
- osleri* R. Wright, 1879, 66, t. h. *Necturus lateralis*? Canada.—1879: *Sphyrnura* (type).
- oslerii* Mont., 1888a, 8, for *osleri* (*Sphyrnura*).
- oti* Rud., 1819a, 354, for *otidis*, syn. of *macrocephalum*.—1819: *Festuc*.
- otidis* Frœlich, 1802, 53, t. h. *Strix otus*.—1802: *Festuc*. [Amphist. *macrocephalum*.]
- ovale* Goto, 1894a, 241, t. h. *Histiophorus orientalis*; Misake, August.—1894: *Trist*. [1899: *T. læve*.]
- ovalis* Schrank, 1803, 86.—1803: *Cerc*.
- ovata* Villot, 1878, 20, t. h. *Lygia oceanica*.—1878: *Cerc*.
- ovata* Rud., 1803a, 25, t. h. *Corvus frugilegus*.—1803: *Fasc*. 1809: *Dist*. 1845: *Dist. (Dicrocoelium)*. 1892: *Cephalogonimus*. 1896: *D. (Cephalogonimus)*. 1899: *Prosthogonimus* (type). 1899: *Prymnoprion* (type). 1901: *Prosthogonimus* (type). 1902: *Prosthogonimus*.
- ovata* Linst., 1877, 192.—1877: *Tetracotyle*. [1894: *Holost. variegatum*.]
- ovata* Goto, 1894a, 234, t. h. *Anthias schegeli*; Misaki, Japan, August.—1894: *Epib-della*. 1902: *Trist*. 1903: *E. (Benedenia)*.
- ovatum* Lint., 1900, 269, t. h. *Lobotes surinamensis*; Woods Hole.—1900: *Gasterost*.
- ovatum* Dies., 1850a, 302, for *Dist. luteum* Baer, 2, 610, pl. 29, figs. 20–22, in *Paludina vivipara*; Regiomontii.—1850: *Heterost*. 1858: *Cercariæum*. [1858. *Dist. luteum* Wagener.]

- ovatum* Mol., 1859, 822, t. h. *Gallinula crex*; Batavii.—1859: Monost.
- ovicola* Brand., 1894a, 303, t. h. *Arius commersonii*; Brazil.—1894: *Fridericianella* (type).
- oviforme* Poir., 1886, 26, t. h. *Nycticebus javanicus*.—1886: Dist. 1892: Dist. (*Brachycœlium*). 1899: *Phaneropsolus*. 1899: *Lecithodendrium*.
- ovis* Cobbold, 1885a, 499, t. h. *Ovis*.—1885: *Bilharzia*.
- ovocaudatum* Vulpian, 1859, 150, t. h. *Rana viridis*.—1859: Dist. 1899: *Halipegus* (type).
- ovofartum* Odhn., 1902, 153, t. h. *Synodontis* sp.; Omdurman.—1902: Dist.
- ovopunctatum* Stoss., 1902, 15, t. h. *Numenius arquata*.—1902: *Cyclocœlum*.
- ovum* Crep., 1846, 159, t. h. *Planorbis marginatus*.—1846: Dist.
- oxycephalikum* Schneidemuehl, 1896, 303, for *oxycephalum* (Dist.).
- oxycephalum* Rud., 1819a, 98, t. h. *Anas boschas*, *A. clypeata*.—1819: Dist. 1896: *Echinost*.
- oxycephalum* Dies., 1836d, 238, t. h. *Salmo auratus*, *S. pacu* and *Silurus megacephalus* at Cuyaba, and *Salmo pacupeba* at Rio Panara and Rio Araguay; Brazil.—1836: *Amphist*. 1905: *Chiorchis*.
- oxyurum* Crep., 1825, 48, t. h. *Anas marila*; Germany.—1825: Dist. 1902: *Psilost*.
- pachisomum* Par., 1894, 155, for *pachysoma* (Dist.).
- pachycerca* Dies., 1858d, 257, includes *C. brachyura* Lespés, t. h. *Trochus cinereus*; Francogalliæ.—1858: Cerc. (*Acanthocephala*).
- pachycerca* Claparède, 1863a, 12, free form; St. Vaast.—1863: Cerc.
- pachyderma* Braun, 1899a, 629, t. h. *Chelone atra*.—1899: Dist.
- pachysoma* Eysenhardt, 1829, 144, t. h. *Mugil auratus*.—1829: Dist. 1886: D. (*Podocotyle*). 1893: D. (*Monorchis*). 1898: *Podocotyle*. 1902: *Haplospilchnus* (type).
- pacifica* Steenstrup, 1842, 74.—1842: Dist.
- pacifica* Ben., 1858a, 1861a, 86, as syn. of *Dist. militare*.—1858: Cerc.
- pagelli* Ben., 1870, 1871a, 43, t. h. *Pagellus centrodonatus*; Belgium.—1870: Dist. 1886: D. (*Cladocœlium*).
- pagelli* Ben. & Hesse, 1863, 80, t. h. *Pagellus centrodonatus*.—1863: *Encotyllabe*. 1878: *Trist*.
- pagenstecheri* Ssinitzin, 1905, 34, *Dist. cygnoides* Zed. of *Pag.*—1905: *Gorgodera*.
- palæmonis* Linst., 1877b, 186, t. h. *Palæmon serratus*.—1877: Dist.
- [*palea* (Nitzschia), a diatom.]
- palliatum* Braun, 1892a, 608, misprint for *palliatum* (Dist.).
- pallasii* Poir., 1885, 13, t. h. *Delphinus phocæna*.—1885: Dist. 1892: D. (*Dicrocœlium*).
- palleniscum* Shipley & Hornell, 1905, 53, t. h. *Balistes* sp.; Ceylon.—1905: Dist.
- pallens* Rud., 1819a, 111, t. h. *Sparus aurata*; Naples.—1819: Dist. 1886: D. (*Dicrocœlium*).
- palliatum* Looss, 1885a, 390, t. h. *Delphinus delphis*.—1885: Dist. 1892: *Cladocœlium*. 1899: *Brachycladium* (type). 1901: *Campula*.
- pallidum* Staff., 1904, 487, t. h. *Fundulus heteroclitus*; Woods Hole.—1904: *Homalometron* (type).
- pallidus* Looss, 1902n, 889, t. h. *Milvus ægyptiacus*; Egypt.—1902: *Heterophyes*.
- palmatum* Rentsch, 1860, 38, t. h. *Seestichling*, *Gasterosteus spinachia*.—1860: Dist.
- palmatum* Leuck., 1830, 612, t. h. *Gadus molva*; Germany.—1830: *Octobothrium*. 1842: *Octobothrium*. 1845: *Octobothrium* (*Cyclocotyle*). 1850: *Diclidophora*. 1859: *Octoplectanum*. 1864: *Pterocotyle* (type). 1879: *Octobothrium*. 1890: *Octobothrium* (*Pterocotyle*). 1895: *Dactylocotyle*.
- paloniæ* J. Poir., 1883, 73, t. h. *Palonia frontalis*; Java.—1883: *Homalogaster*, type.
- palpebrarum* Looss, 1899, 587, t. h. *Corvus cornix*, *Milvus parasiticus*; Egypt.—1899: *Philophthalmus* (type).
- paludine impuræ* Baer, see Dies., 1855a, 400.—1855: Cerc. 1855: Dist. 1855: *Cercariæum*.
- paludine impuræ* Fil., 1854, 279, t. h. *Paludina impura*.—1854: Dist. 1855: *Cercariæum*. [1858: C. p. i. *inermis*.]
- paludine impuræ armatum* Fil., 1857, 207, t. h. *Paludina impura*.—1857: Dist. 1858: *Cercariæum*.

- paludinæ impuræ inerme* Fil., 1857, 207.—1857: Dist. 1858: Cercariæum. [1858: Dist. perlatum.]
- paludinæ impuræ* (tentaculorum) Dies., 1855, 399, based on Baer, 1827b, 655, in *Paludina impura*; Regiomontii.—1855: Cercariæum.
- paludinæ viviparæ* Dies., 1855, 399=*helicis viviparæ* renamed, t. h. *Paludina vivipara*; Vilnæ.—1855: Cercariæum.
- [*pancerii* D. Valle (Dist.) a tunicate.]
- pancerii* Sons., 1891, 303, t. h. *Umbrina cirrhosa*; Italy.—1891: Microcotyle.
- pancreaticum* Janson, 1889a, or Rail., 1890, 143, t. h. sheep; Japan.—1890: Dist. 1897: Dicrocelium. 1907: Eurytrema, type.
- pancreaticum* Katsurada & Saita, 1906, 501, t. h. cattle; Japan.—1906: Dist. [Eurytrema.]
- pancreatinum* Ward, 1895, 335, for *pancreaticum* (Dist.).
- pandum* Braun, 1901a, 48, t. h. *Thalassochelys caretta*; Naples.—1901: Monost.
- panduriforme* Rail., 1900, 240, t. h. *Pica pica*.—1900: Dicrocelium.
- pangasii* MacCallum, 1905, 668, t. h. *Pangasius nasutus*; Palembang, Sumatra.—1905: Cladorchis.
- papillatum* Rud., 1814a, 105, t. h. *Anas boschas fera*; Germany.—1814: Dist.
- papillatum* Ben., 1858a, 38.—1858: Trist.
- papillatum* Cobbold, 1882, 240, t. h. *Elephas indicus*; India.—1882: Amphist.
- papilliferum* Mol., 1859, 290, t. h. *Belone acus*; Batavii.—1859: Dist. 1886: D. (Crossodera).
- papilliferum* Braun, 1892a, 586, for *papillatum* Cobbold, 1882 (Amphist.).
- papillorum* Juel, 1889, 14, for *papillosum* (Trist.).
- papillosa* Erc., 1881 or 1882, see Par., 1894, 164, t. h. *Bythinia tentaculata*; Bologna.—1881?: Cerc.
- [*papillosa* Crep., 1837a, 326, name of a group of Dist.]
- papillosa* Lint., 1898, 508, t. h. *Gadus callarias*; Woods Hole.—1898: Nitzschia. 1904: Lintonia (type).
- papillosum* Dies., 1836, 313, t. h. *Xiphias gladius*.—1836: Trist. 1840: Capsala.
- papillosum* Dies., 1850a, 381, D. *beroës* Will, renamed; t. h. *Beroe rufescens*; Triest.—1850: Dist. 1860: Crossodera.
- paradoxum* Nord., 1832a, 56, t. h. *Cyprinus brama*.—1832: Diplozoon (type).
- paradoxum* Carus, 1833a, 1835, 86, t. h. *Succinea amphibia*, *Helix putris*; Saxony.—1835: Leucochloridium (type).
- paradoxus* Rud., 1810a, 257, t. h. *Tetrodon mola*; Europe.—1810: Schisturus (type).
- paradoxus* Crep., 1839a, 292, t. h. *Perca lucioperca*; Greifswald.—1839: Ancyrocephalus (type). 1878: Dactylogyrus. [1879: Tetraonchus unguiculatus.]
- parallellum* Looss, 19011, 622, t. h. *Chelone mydas*; Alexandria, from Egyptian coast.—1901: Microscaphidium. 1902: Angiodictyum (type).
- parasitica* Jægers., 1897, 707, t. h. *Raja clavata*, *R. lævis*; Kattegat.—1897: Micropharynx (type) [ectoparasitic triclad].
- paronæ* Mont., 1893, 43, t. h. *Seriola dumerilii*.—1893: Dist.
- parva* Erc., 1881 or 1882, see Par., 1894, 164, t. h. *Bythinia tentaculata*; Bologna.—1881?: Cerc.
- [*parva* Sluiter, 1900, 6 (Dist.), a tunicate.]
- parva* Stoss., 1904, 10, t. h. *Rana esculenta*; Istria centrale.—1904: Brachymetra (type).
- parvulum* Staff., 1904, 494, t. h. *Semotilus bullaris*; Canada.—1904: Diplost.
- parvulus* Marshall & Gilbert, 1905, 478, t. h. *Micropterus salmoides*; near Madison, Wis.—1905: Cæcincola (type).
- parvus* Braun, 1901, 19, t. h. *Testudo orbicularis*; Vien. Mus.—1901: Telorchis. 1905: T. (Cercorchis).
- parvus* Looss, 1902i, 118, t. h. *Sargus annularis*, *S. rondeletii*; Triest.—1902: Monorchis.
- pastinacæ* Scott, 1904, 279, t. h. *Trygon pastinaca*; Scotland.—1904: Heterocotyle, type.
- patagiatum* Crep., 1846, 135, t. h. *Ardea stellaris*.—1846: Holost.

- patellare* Sturges, 1897, Sept., 57, t. h. *Triturus* (Molge) *pyrrhogaster* Boie.—1897: Dist. [1899: *Phyllodist.*] 1899: *Spathidium*. 1901: *Phyllodist.*
- pectinata* Huet, 1891a, 162, t. h. *Donax anatinum*.—1891: *Cerc.*
- pectinatum* Lint., 1905, 327, t. h. *Trachinotus carolinus*, *Bairdiella chrysur*; Beaufort, N. C.—1905: Dist.
- pedata* Schrank, (1796), 335, t. h. *Anas querquedula*.—1796: *Festuc.* [1905: *Catantopis verrucosa*.]
- pedatum* Looss, 1899, 592, t. h. *Bagrus bayad*, *B. docmac*; Cairo, Egypt.—1899: *Glossidium* (type).
- pedatum* Dies., 1850a, 309, t. h. *Didelphis myosurus*, *D. cancrivorus*; Brazil.—1850: Hemist.
- pedatus* Wagener, 1857, 99, t. h. *Julis*.—1857: *Dactylogyrus*. 1858: *Diplectanum*.
- pedatus* Dies., 1836c, 310, *bellones* 1794, renamed, t. h. *Esox belone*.—1836: *Heteracanthus*. [1794: *Axine*, type.]
- pedicellatum* Stoss., 1887, 184, t. h. *Chrysophrys aurata*; Triest.—1887: Dist. 1898: *Podocotyle*. [1899: *Creadiinae*.]
- pedocotyle* Leidy, 1890, 282, t. h. *Mola rotunda*; New Jersey.—1890: Dist.
- pegorchis* Stoss., 1901, 94, t. h. *Mæna smar*; Triest.—1901: *Creadium*. 1901: *Allocreadium*. 1904: *Lepocreadium*.
- pelagix* Kœlliker, 1849, 53, t. h. *Pelagia noctiluca*; Naples.—1849: Dist. 1893: *D.* (*Accacœlium*). 1900: *Accacœlium*.
- pelagica* Mont., 1888, 45.—1888: *Cerc.*
- pelagicum* Staff., 1900, 399, at Passamaquoddy Bay, St. Andrews, New Brunswick.—1900: Dist. 1902: *Hemiurus* (*Apoblema*).
- pelamydis* Tasch., 1878, 176, t. h. *Pelamys sarda*; Naples.—1878: *Trist.*
- pelamydis* Tasch., 1879, 612, t. h. *Pelamys sarda*; Naples.—1879: *Didymozoon*.
- pellucidum* Linst., 1873, 95, t. h. *Gallus domesticus*.—1873: Dist. 1890: *Cephalogonimus*. 1892: *D.* (*Dicrocœlium*). 1892: *Mesogonimus*. 1899: *Prymnoprion*. 1899: *Prosthogonimus*.
- pellucidum* Schlotthauber, 1860, 129, t. h. *Petromyzon fluviatilis*.—1860: *Holost.*
- pelophylacis esculenti* Wedl, 1849, 197.—1849: Dist.
- pendulum* Looss, 1899b, 688, t. h. *Recurvirostra avocetta*; Egypt.—1899: *Echinost.*
- perce* Gmelin, 1790a, 3057, *perce* *cernuæ* 1776 renamed; t. h. *Perca cernua*.—1790: *Fasc.* [1809: Dist. *nodulosa*.]
- perce* Mont., 1888a, 7, 30.—1888: *Tetracotyle*.
- perce* *cernuæ* Mueller, 1776, 224, t. h. *Perca cernua*.—1776: *Fasc.* [1809: *D. nodulosum*.]
- perce fluviatilis* Moul., 1856, 230.—1856: *Tetracotyle*. [1858: *T. typica*.]
- percina* Schrank, 1790, 123, t. h. *Perca asper*, *P. vulgaris*.—1790: *Fasc.* [1809: *D. nodulosum*.]
- peregrinum* Braun, 1900f, 389, t. h. *Rhinolophus ferrum-equinum*.—1900: Dist. 1900: *Mesotretes* (type).
- pericardium* Crep., 1849a, 78, *D. helices* Leidy, renamed.—1849: Dist. [1858: *Cercariæum vagans*.]
- perlatus* Nord., 1832, 88, t. h. *Cyprinus tinca*.—1832: Dist. 1845: Dist. (*Podocotyle*). 1886: *D.* (*Echinost.*). 1899: *Asymphyllodora* (type). 1903: *Echinost.*
- perlatus* var. *exspinosum* Hausmann, 1896, 390, t. h. *Barbus fluviatilis*; Switzerland.—1896: Dist.
- permixtus* Braun, 1901, 943, t. h. *Hirundo rustica*; Coll. Vienna.—1901: *Plagiorchis*. 1904: Dist.
- perniciosus* Taylor, 1884, 53, see *endemicum*.—1884: Dist. [1907: *Clonorchis endemicum*.]
- perpastum* Braun, 1902b, 86, n. n. for *singularis* of Looss.—1902: *Stomylotrema* (type).
- perpusillus* Looss, 1902, 134, t. h. *Mugil chelo*.—1902: *Dicrogaster* (type).
- persicus* Braun, 1901c, 334, t. h. *Persian wolf*.—1901: *Cotylogonimus*. 1902: *Heterophyes*.
- personatum* Poir., 1886, 11, host unknown; Gulf of Mexico.—1885: Dist.
- perugiai* Setti, 1898, 7 pp., t. h. *Tetrapturus belone*; Spezia.—1898: *Trist.*
- petalosum* Lander, in Looss, 1902m, 454, t. h. *Acipenser rubicundus*.—1902: Dist. [Bunodera]. 1904: *Acrodactyla* (type). See *lintoni* and *cornuta*.

- petasatum* Deslongchamps, 1824ee, 511, t. h. *Hæmatopus ostralegus*; Caen.—1824: Monost.
- peteromyzi fluviatilis* Dies., 1850a, 307, t. h. *Peteromyzon fluviatilis*.—1850: Diplost. 1892: *Tylodelphys*.
- pétiolatum* Rail., 1900, 241, t. h. *Garrulus glandarius*.—1900: *Dicrocoelium*.
- peteromyzonis fluviatilis* Dies., 1858e, 316, for *peteromyzi* fluv. (Diplost.).—1858: *Tylodelphys*.
- peteromyzontis* Brown, 1899a, 489, t. h. *Ammocetes*; Oxford, Eng.—1899: *Tetracotyle*.
- phaneropsolus* Stoss., 1902, 25, t. h. *Totanus* sp.; Yeddo, Japan.—1902: *Hæmatotrephus*.
- phasiani galli* Dies., 1855, 64.—1855: Dist.
- philocholum* Crep., 1845, 330, t. h. *Delphinus phocæna*, in liver.—1845: Dist.
- philodryadum* West, 1896, 322, t. h. *Philodryas schottii*; England.—1896: Dist. 1900: *Opisthogonimus* (type).
- philomelæ* Rud., 1819a, 120, t. h. *Motacilla philomela*; C. E. V.—1819: Dist. [1850: *D. macrostomum*.]
- phænicopteri* Luehe, 1898g, 625, t. h. Flamingo; Berberei.—1898: *Echinost.*
- phoxini* Linst., 1896, 378, t. h. *Phoxinus lævis*.—1896: Dist.
- phryganææ* Linst., 1877b, 185, t. h. *Phryganea grandis*.—1877: Dist.
- phycidis* Par. & Per., 1889, 743, t. h. *Phycis blennoides*; Genova.—1889: *Dactylocotyle*. 1890: *Octobothrium*. 1890: *Dactycotyle*. 1890: *Octobothrium* (*Dactylocotyle*).
- physæ fontinalis* Dies., 1855a, 400, t. h. *Physa fontinalis*; Regiomontii.—1855: Dist. 1855: *Cercariæum*.
- physcon* Luehe, 1901n, 478, t. h. *Lophius piscatorius*; Triest.—1901: *Lecithochirium*.
- physophoræ* Kœlliker, 1849c, 53, t. h. *Physophora tetrasticha*; Naples.—1849: Dist. [1850: *D. geniculatum*.]
- pianæ* Galli Valerio, 1898d, 145, t. h. *Anas boschas*; Busto Arsizio.—1898: *Opisthorchis*. 1898: *Opisthorchis*.
- picta* Rud., 1802, 64, *F. vespertilionis* renamed; t. h. *Fledermaus* [*Vespertilio murinus*]; Greifswald.—1802: Fasc. [1809: Dist. lima.]
- pictum* Crep., 1837, 313, t. h. *Ciconia alba*.—1837: Dist. 1901: *Stomylotrema*.
- pigmentata* Sons., 1892, Oct. 7, 142, t. h. *Physa alexandrina*, *P. micropleura*; Cairo, Egypt.—1892: *Cerc.* [Amphist.]. [1902: *A. conicum*.]
- pilchardei* Mont., 1888a, 66, misprint for *pilchardi* (*Octocotyle*).
- pilchardi* Ben. & Hesse, 1863, 1864, 99, t. h. *Clupea pilchardus*.—1863: *Octocotyle*. 1879: *Octobothrium*. 1889: *Octoplectanum*.
- pileata* Rud., 1802, 65, t. h. *Sterna hirundo*; Greifswald.—1802: *Festuc.* 1803: Monost. 1809: *M.* (Monost.). 1819: Amphist. 1828: Holost. 1845: Holost.
- pileatum* Brand., 1888a, 59, t. h. *Sterna caspica*, *Larus glaucus*; Wien. Mus.—1888: Hemist.
- pileatum* Rud. of Bremser, 1824, pl. 8, figs. 28–29.—1824: Amphist. [1850: Hemist. commutatum.]
- pingue* Mehlis in Crep., 1846, 138, t. h. *Colymbus cristatus*.—1846: Monost. 1904: *Renicola* (type).
- pinguicola* Treutler, 1793, 6, t. h. *Homo*.—1793: *Hexathyridium* (type). 1800: Polyst. 1809: Polyst. (Hexast.). 1828: *Hexathiridium*. 1833: *Hexacotyle*. [Hexast.] [Linguatula.]
- pinguicolum* Joy, 1835a, 505, for *pinguicola* (Polyst.).
- pini* Ben. & Hesse, 1863, 1864, 72, t. h. *Trigla pini*.—1863: *Placunella* (type). 1878: Trist. 1903: *Trochopus*.
- pinnarum* Wagener, 1857, 26, t. h. *Gasterosteus*.—1857: Dist.
- pinnatum* Will.-Suhm, (1873), 341.—1873: Dist.
- piriforme* Crep., 1846, 142, in *Anas fusca*, *A. glacialis*; see *pyriforme*.—1846: Dist.
- piriforme* Sons., 1895, 184, for *pyriforme* (Amphist.).
- piscicola* Odhn., 1902, 152, t. h. *Gymnarchus niloticus*.—1902: *Opisthorchis*.
- pittacium* Braun, 1901, 947, t. h. *Strepsilas interpres*.—1901: Dist.
- planci* Stoss., 1899, 5, t. h. *Ranzania truncata*; Triest.—1899: *Podocotyle*. 1902: *Orophocotyle* (type).

- planicollæ* Rud., 1819a, 682, t. h. *Pelecanus sula*; Brazil.—1819: Dist. (Echinost.). [1850: Monost. echinostomum.] [1901] 1902: Anoictost.
- planorbis carinati* Fil., 1857c, 13, t. h. *Planorbis carinatus*; Turin.—1857: Dist. 1858: Cerc. (*Acanthocephala*). 1858: Cercariæum.
- planorbis cornei* Dies., 1850a, 298, based on Henle, 1835, 597, t. h. *Planorbis corneus*.—1850: Cerc. 1855: Cercariæum.
- planorbis cornei* Linst., 1877, 187.—1877: Dist.
- planorbis cornei (hepatis)* Dies., 1858d, 281, t. h. *Planorbis corneus*.—1858: Cercariæum.
- planorbis cornei (ovariorum)* Dies., 1858d, 281, for *planorbis cornei* 1850.—1858: Cercariæum.
- platellæ* Bosc, 1802a, v. 1, 273, see *platessæ* (Fasc.).
- platessæ* Mueller, 1784, 114, t. h. *Pleuronectes platessa*, int.—1784: Fasc. 1803: Dist. [1809: D. areolatum.]
- platycephalum* Crep., 1825a, 39, t. h. *Colymbus rufogularis*; Greifswald.—1825: Amphist. 1845: Holost.
- platygaster* Leuck., 1842a, 30, t. h. *Gadus merlangus*.—1842: Octobothrium. [1845: O. merlangi.]
- platyura* Crep., 1838b, 83, includes *Axine belones*, *Heteracanthus pedatus*, *H. sagittatus*.—1838: *Axine*.
- platyura* Leidy, 1891a, 416, free in pool with *Lymnæus*; Fort Bridger, Wyo.—1891: Cerc.
- platyurum* Much., 1896, 267, t. h. *Harelda glacialis*; East Prussia.—1896: Dist. 1899: Psilost. (type).
- playfairii* Forbes & Goodsir (1839).—1839: Tetrast.
- plenus* Staff., 1904, 484, t. h. *Anarrhichas lupus*; Canada.—1904: *Derogenes*.
- pleroticum* Braun, 1899e, 631, host?; Brazil.—1899: Dist. 1901: Telorchis.
- plesiomostomum* Linst., 1883, 305, t. h. *Perdix græca*; Turkestan.—1883: Dist. 1892: D. (*Brachylaimus*). 1899: *Dicrocoelium*. [1899: *Lyperosomum*.]
- pleurolophocerca* Sons., 1892, Oct. 7, 138, t. h. *Melania tuberculata*, *Cleopatra bulimoides*; Cairo, Egypt.—1892: Cerc.
- pleuronectes* Mueller, 1773, 70, in aquis [etc.].—1773: Cerc. 1827: Phacus.
- pleuronectis maximi* Dies., 1855, 64, based on Bellingham, 1844, 428; renamed D. microcotyle. 1855: Dist.
- plicatum* Crep., 1829a, 878, t. h. *Balaena rostrata*; Rügen.—1827: Monost. 1891: Ogmogaster (type).
- [*plumbeum* D. Valle, (Dist.), a tunicate.]
- podomorphum* Nitzsch, 1819, 399, t. h. *Falco haliaëtus*; Halle.—1819: Holost. 1850: Hemist.
- podura* Mueller, 1773, 66, in paludosis *Lemna coopertis*.—1773: Cerc. 1815: *Furcocerca*. 1827: *Enchelys*. 1828: *Ichthydium*, type.
- poirieri* Stoss., 1895, 227 (D. gelatinosum Poir., 1885).—1895: Dist. 1895: D. (*Dicrocoelium*). 1899: Telorchis. 1902: Telorchis. 1905: T. (*Cercorchis*).
- poirieri* Giard & Billet, 1892, 615, t. h. cattle; Tonkin.—1892: *Homalogaster*.
- pollachi* Mont., 1888, 66, for *pollachii* (*Dactycotyle*).
- pollachii* Ben. & Hesse, 1863, 1864, 90, t. h. *Merlangus pollachius*.—1863: *Udonella*.
- pollachii* Ben. & Hesse, 1863; 1864, 110, t. h. *Merlangus pollachius*.—1863: *Dactycotyle* (type). 1879: *Octobothrium*. 1883: *Dactylocotyle*. 1890: O. (*Dactylocotyle*).
- polonica* Kowal., 1895g, 41, t. h. *Anas boschas fera*, A. crecca L.; Dublany.—1895: Bilharzia. 1898: *Schistosoma*. 1899: *Bilharziella* (type).
- polonii* Mol., 1859, 291, t. h. *Caranx trachurus*; Batavii.—1859: Dist. 1886: D. (Echinost.).
- polychroa* Tasch., 1879, 36.—1879: Planaria.
- polyclinorum* Pag., 1862, 306, t. h. *Polyclinum*; Golf von Spezia.—1862: Dist.

- polymastos* Leuck., 1880, or *Lejtenyi*, 1880, t. h. *Equus caballus*; Egypt.—1880: *Gastrodiscus*. [1896: *G. ægyptiacus*.]
- polymorpha* Rud., 1802b, 70, *F. anguillæ* Gmelin renamed; t. h. Aal.—1802: *Fasc.* 1809: *Dist.*
- polymorphum* Fil., 1837a, 337, t. h. *Planorbis submarginata*; see also *brachyura* Diesing, 1850.—1837: *Dist.*
- polymorphus* Baer, 1827b, 570, t. h. *Unio*, *Anodonta*.—1827: *Bucephalus* (type). 1855: *Bucephalus* (*Eubucephalus*, type). 1856: *Cerc.* —: *Cerc.* (*Bucephalus*).
- polyoon* Linst., 1887, 103, t. h. *Gallinula chloropus*.—1887: *Dist.*
- polyorchis* Stoss., 1889, 24, t. h. *Corvina nigra*; *Triest*.—1889: *Dist.* 1894: *D.* (*Polyorchis*, type). 1896: *Polyorchis*. 1896: *Pleorchis* (type).
- pomatæ* Vaney & Conté, 1899, 194, t. h. *Helix pomatiæ*; *Lyon*.—1899: *Cerc.*
- pomatoma* Goto, 1899a, 278, t. h. *Pomatoma saltatrix*; *Newport, R. I.*—1899: *Microcotyle*.
- pontaliæi* Stoss., 1898, 178, for *pontalliei* (*Dist.*)
- pontalliei* Cobbold, 1860a, 10, t. h. *Ardea minuta*; *D. cladocalium* Dies., renamed.—1860: *Dist.*
- porcorum* Gmelin, 1790a, 3054.—1790: *Fasc. hepatica*.
- poricola* Schlotthauber, 1860, 129, t. h. *Anas boschas*.—1860: *Ast.* (type).
- porrectum* Braun, 1899b, 714, t. h. *Saurophaga saurophaga*; *New Guinea*.—1899: *Dist.* [1899: *Lyperosomum*.]
- posticum* Staff., 1905, Apr. 11, 692, t. h. *Vespertilio subtilis* Say; *Canada*; *chilost.* Mehls of Staff., 1903, 827, renamed.—1905: *Lecithodendrium*.
- poturzyensis* Kowal., 1898g, 72, t. h. *Anas boschas dom.*—1898: *Opisthorchis*. 1898: *O. simulans* var. 1898: *Campula*. 1902: *Metorchis*.
- præmorsum* Nord., 1832, 55, t. h. *Cyprinus brama*; *Europe*.—1832: *Monost.* 1892: *Monostomulum*.
- præteritus* Looss, 1901e, 633, t. h. *Labrax lupus*; *Triest*.—1901: *Acanthochasmus*.
- prenanti* St.-Remy, 1890, 41, t. h. *Raja oxyrhynchus*; *Roscoff*.—1890: *Onchocotyle*. 1889: *Rajonchocotyle*.
- pretiosus* Ariola, 1902, 107, t. h. *Thynnus vulgaris*.—1902: *Didymozoon*.
- prima* Ssinitzin 1905, 147; 1906, 687, t. h. *Aplexa hypnorum*, *Planorbis vortex compressa*, *Corethra*, *Ilybius*; *Warschau*.—1905: *Cerc.*
- primus* Staff., 1905, 691, t. h. *Eutenia sirtalis*; *Canada*.—1905: *Lechriorchis* (type).
- prismaticum* Zed., 1800a, xvi, 150, t. h. *Corvus frugilegus*; *Europe*.—1800: *Monost.* 1809: *M.* (*Monost.*). [1892: *Dist.*]
- pristiophori* Johnston, 1902, 326, t. h. *Pristiophorus cirratus* Lath.—1902: *Dist.*
- pristis* Deslongchamps, in Lamouroux, 1824, 563; 1821, 281, t. h. *Merlangus communis*; *Normandy*.—1824: *Dist.* 1845: *D.* (*Echinost.*). 1860: *Echinost.* 1899: *Anoik-tost.* 1899: *Stephanost.* 1901: *Stephanochasmus*.
- problematicum* Stoss., 1902, 14, includes Looss, 1899b, 660, t. h. *Totanus calidris*, *T. glottis*.—[1899: *Cyclocœlum*.] 1902: *Cyclocœlum*.
- proboscideum* Rud., 1814a, 106, *Echinorhynchus crotali*, 1808, renamed; *America*.—1814: *Polyst.* 1814: *Polyst.* (*Pentast.*). 1819: *Pentast.* [*Porocephalus*, type.]
- producta* Linst., 1903, 354, t. h. *Solea vulgaris*.—1903: *Epibdella*.
- productus* Staff., 1904, 485, t. h. *Hemitripterus americanus*; *Canada*.—1904: *Sinistroporus*.
- productus* Odhn., 1902, 24, t. h. *Nilkrokodil*; *Sudan*.—1902: *Acanthochasmus*.
- propinquum* Braun, 1901, 942, t. h. *Dendrocalaptes scandens*; *Brazil*.—1901: *Glaphyrost.*
- proteus* Brand., 1891, 19, t. h. *Chelonia viridis*.—1891: *Monost.* 1892: *Notocotyle*. 1899: *Baris* (type). 1900: *Deuterobaris* (type).
- proxima* Lespès, 1857, 116, t. h. *Littorina littorea*.—1857: *Cerc.* 1858: *C.* (*Gymnocephala*).
- prussica* Mueh., 1896, 590, t. h. *Anas glacialis*.—1896: *Cyathocotyle* (type).
- pseudamphistomum* Crep., 1846, 146, t. h. *Chelonia mydas*.—1846: *Monost.*

- pseudoechinatum* Olss., 1876, 21, t. h. *Larus marinus*; Scandinavia.—1876: Dist. 1892: Echinost.
- pseudofelineus* Ward, 1901, 180, "Dist. felineum" of Ward, 1895, not Rivolta, 1884, renamed, t. h. *Felis catus dom.*; Lincoln, Nebr.—1901: Opisthorchis.
- pseudostoma* Will.-Suhm, 1870, 11, t. h. *Alligator lucius*.—1870: Dist. 1886: Diplost. 1895: D. (*Brachylaimus*).
- putens* Lint., 1900a, 269, t. h. *Paralichthys dentatus*; Woods Holl.—1900: Dist.
- pugio* Linst., 1887, 105, t. h. *Limnæa ovata*.—1887: Cerc.
- pugnat* LaValette, 1855, 19, t. h. *Paludina vivipara*.—1855: Cerc. [1855: C. microcotyla.]
- pulchellum* Rud., 1819a, 94, t. h. *Labrus cynædus*; Naples.—1819: Dist. 1902: *Helicometra* (type). 1903: D. (*Dicrocoelium*).
- pulcherrima* Weyenbergh, 1876, 167, t. h. *Hypostomus plecostomus*; Argentina.—1876: Amphist. 1878: Dist.
- pulicis* Linst., 1892, 333, t. h. *Gammarus pulex*.—1892: Dist.
- pulmonale* Linst., 1904, 678, t. h. *Halicore australis*; Australia.—1904: Opisthotrema.
- pulmonale* Bætz, 1883, April, 236, t. h. *Homo* [see *westermanii* Kerbert, 1878].—1883: Dist. 1889: Dist. 1890: *Mesogonimus*. 1899: *Paragonimus*.
- pulmonalis colubri natricis* Viborg, 1795, 243.—1795: Dist. [*D. naja*].
- pulmonar* La Clínica de Málaga, 1883, 308, for *pulmonale*, see *westermanii*.—1883: Dist.
- pulmonis* Kiyona, Suga, and Yamagata, 1881, teste Ijima, 1889b, 148, see *westermanii*.—1881: Dist.
- pulmonum* Bætz, 1880, Sept., 721, t. h. *Homo*, see *westermanii*.—1880: *Gregarina*. 1884: Dist. [1899: *Paragonimus*.]
- pulverulenta* Braun, 1901g, 946, t. h. *Anas querquedula*; Dongola.—1901: *Bilharziella*.
- pulvinatum* Braun, 1899, 630, t. h. *Flusschildkröte*; Brazil.—1899: Dist.
- pumilio* Looss, 1896, 154, t. h. *Pelecanus onocrotalus*; Egypt.—1896: Monost. 1899: *Haplorchis* (type).
- punctata* Mueller, 1774, 57, in *pratis inundatis primovere*.—1774: Fasc. 1787: *Planaria*.
- punctatum* Dies., 1850a, 329, misprint for *punctum* (Dist.).
- punctum* Zed., 1800a, 164, t. h. *Cyprinus barbus*; Europe.—1800: Dist. 1828: Fasc.
- punctum* Erc., 1881 or 1882, see Par., 1894, 164, t. h. *Bythinia tentaculata*; Bologna.—1881: Cerc.
- pungens* Linst., 1894b, 333, t. h. *Podiceps minor*; Seeburger See.—1894: Dist. (*Echinost.*). 1899: Echinost.
- pusilla* Braun, D. M., 1790a, 62, t. h. *Erinaceus europæus*; Europe.—1790: *Planaria*. 1790: Fasc. 1803: Dist. 1892: *Agamodist*.
- pusilla* Looss, 1896b, 229, t. h. *Vivipara unicolor* Olivier; Damanshour.—1896: Cerc.
- pusilla* Staff., 1904, 485, t. h. *Anarrhichas lupus*; Canada.—1904: *Neophasis* (type).
- pusillum* Staff., 1904, 494, t. h. *Stizostedion vitreum*; Canada.—1904: *Gasterost*.
- pusio* Eichwald. — — —: *Planaria*.
- putorii* Linst., 1877, 191, t. h. *Fœtorius putorius*.—1877: Diplost.
- putorii* Mol., 1858, 131, t. h. *Mustela putorius*; Patavia.—1858: Dist. 1892: *Agamodist*.
- putorii* Gmelin, 1790a, 3053, t. h. *Mustela putorius*.—1790: Fasc. 1790: *Planaria*. 1893: Dist. [1850: D. *trigonocephalum*.]
- putrescens* Looss, 1902, 135, t. h. *Mugil auratus*.—1902: *Lecithobotrys* (type).
- pyncoporus* Stoss., 1901, 92, t. h. *Sargus salviani*; Trieste.—1901: *Holorchis* (type).
- pygmæa* var. *simile* Jägers., 1900c, 737, t. h.—1900: *Levinsenia*. [1902: *Spelotrema*.] [1902: Dist.]
- pygmæum* Levin., 1881a, 73, t. h. *Somateria mollissima*; Egedesminde.—1881: Dist. 1892: D. (*Brachycoelium*). 1899: *Levinsenia*. 1901: *Spelotrema* (type, Dec. 31). 1903: *Levinseniella*.
- pyramidum* Looss, 1896b, 76, t. h. *Rhinolopus hippocrepis*; Ghizeh.—1896: Dist. 1899: *Lecithodendrium*.
- pyriforme* Dies., 1838a, 189, 1839a, 236, t. h. *Tapirus americanus*; Matogrosso or Cachoeira do Bananeira, Brazil.—1839: Amphist. 1901: *Cladorchis*.

- pyriforme* Crep., 1837a, 316, t. h. Eisente, Anas glacialis.—1837: Dist.
- pyriforme* Lint., 1900, 269, t. h. Palinurichthys perciformis; Woods Holl.—1900: Dist.
- pyxidatum* Bremser, in Rud., 1819a, 678, t. h. Crocodilus sclerops; Brazil.—1819: Dist.
- pyrula* Bory de St. Vincent, 1823a, 355, in infusion de chènevis.—1823: Cerc.
- quadrangulata* Bosc., 1802a, 257.—1802: Planaria.
- quadrangularis* Pallas, 1774, 20 in fossis; Hagæ Comitum.—1774: Fasc.
- quadricornis* Haswell, 1887a, 284, t. h. Astacopsis franklinii; Tasmania.—1887: Temnocephala.
- quietum* Staff., 1900, 403, t. h. "frog;" apparently Canada.—1900: Dist. 1905: Glypthelmins (type).
- rachixum* Crep., 1839, 289, for rhachixum (Diplost.).
- rachidis* Par., 1896, 2, for rhachidis.—1896: Diplost. (Tylodelphis).
- rachieum* Fraip., 1880c, 419, for rhachixum (Diplost.).
- rachineum* Mueller, (1842).—Diplost.
- rachion* Cobbold, 1858b, 158, t. h. Morrhua æglefinus.—1858: Dist. 1886: D.(Echinost.). 1904: Lepidapedon (type). 1905: Lepodora (type).
- rachixa* Odhn., 1905, 328, for rachion (Dist.).—1905: Lepodora (type).
- radiata* Mueller, 1774, 66, in aquis sylvestribus, rara.—1774: Fasc. 1776: Planaria.
- rachidis* Hanover, 1864a, 3, see rhachidis 1850 (Tylodelphis).
- radiatum* Duj., 1845a, 427 t. h. Carbo cormoranus or Pelecanus carbo.—1845: Dist. (Echinost.).
- radula* Duj., 1845a, 433, t. h. Lymnæus palustris; Rennes.—1845: Dist. (Echinost.).
- ragazzi* Linst., 1903t, 354, for ragazzii (Dist.).
- ragazzii* Setti, 1897, 8, t. h. Squalus sp.; Eritrea.—1897: Dist. (Polyorchis). 1899: Syncoelium (type).
- rajæ* Rud., 1809a, 435, for rajæ intestinale.—1809: Dist.
- rajæ intestinale* Viborg, 1795, 242.—1795: Dist.
- ralli* Rud., 1819a, 120, t. h. Rallus aquaticus; M. C. V.—1819: Dist. [1850: D. holostomum.]
- ramlianum* Looss, 1896b, 36, t. h. caméléon; Ramleh.—1896: Dist. 1899: Lepoderma (type). 1899: Plagiorchis.
- ramosum* Sons., 1895, 123, t. h. Babulcus ibis; Nile Delta.—1895: Echinost.
- ranæ* Gmelin, 1790a, 3055, t. h. Rana, int.; Europe.—1790: Fasc. [1809: Amphist. subclavatum.]
- ranæ* Frœlich, 1791, 69, t. h. Rana temporaria; Europe.—1791: Fasc. [1809: Amphist. subclavatum.] [1850: Dist. clavigerum.] [1894: D. endolobum.]
- ranæ* Zed., 1800a, xviii, 203, t. h. Rana temporaria; includes Planaria uncinulata 1790, from Rana esculenta; Europe.—1800: Polyst. (type). [1809: P. integer-rimum.]
- ranæ* Valentin, 1843, 90 teste Dies., 1850a, 472.—Trematodum.
- ranæ esculentæ* Dies., 1850a, 388, based on Valentin, 1841, 54.—1850: Dist.
- rarum* Ben., 1858a, 1861a, 178, t. h. Cyprinus dobula.—1858: Dist.
- rarus* Braun, 1901, 17, t. h. Fulica atra, Coll. Berlin; Anas boschas.—1901: Prosthogonimus.
- rastellus* Olss., 1876, 16, t. h. Rana temporaria.—1876: Dist. [1887: D. endolobum.]
- rathonisi* Simon, 1896, 182, 192, misprint for rathouisi (Dist.).
- rathonisii* Huber, 1894, 2, misprint for rathouisi (Dist.).
- rathouisi* Poir., 1887, 203, t. h. Homo; Asia.—1887: Dist. 1892: D. (Dicrocoelium). 1903: Fasciolopsis.
- rathouisii* Braun, 1892a, 568, for rathouisi (Dist.).
- raynerianum* Nardo, 1827, 68, t. h. Luvarus imperialis; Venice.—1827: Dist. 1886: D. (Apoblema). 1901: Accacœlium.
- receptaculum* Cobbold, 1860a, 29, t. h. Labrax lupus.—1860: Dist.
- recurvatum* Linst., 1873, 105, t. h. Anas marila.—1873: Dist. 1892: Echinost.
- recurvum* Duj., 1845a, 410, t. h. Mus sylvaticus; Rennes.—1845: Dist. (Brachylaimus).
- redactum* Nicoll, 1906, 515, t. h. Gasterosteus aculeatus; Scotland.—1906: Psilost. [1907: Podocotyle atomon.]

- reductum* Looss, 1901, 562, t. h. *Thalassochelys corticata*.—1901: *Enodiotrema*.
refertum Mueh., 1898, 18, t. h. *Cypselus apus*; East Prussia.—1898: Dist. 1899: *Dicrocoelium*.
reficiens Braun, 1901, 945, t. h. *Falco nitidus*.—1901: *Dicrocoelium*.
 [reflexum: *Schistosoma*, a term in teratology.]
reflexum Crep., 1825a, 54, t. h. *Cyclopterus lumpus*.—1825: Dist. 1886: D. (*Dicrocoelium*). 1905: *Podocotyle*.
reinhardi Linst., 1903, 208, t. h. *Astacus leptodactylus*.—1903: Dist.
renale Chiaje, 1833, 13, t. h. *Homo*; Naples.—1833: *Tetrast.* (type).
renale Fil., 1855b, 19, t. h. *Helix adspersa*; near Turin.—1855: Dist. 1856: *Cerc.* 1858: C. (*Gymnocephala*).
renicapite Leidy, 1856, 43, t. h. *Sphargis coriacea*; America.—1856: *Monost.*
reniferum Looss, 1898, 461, *unicum* Looss, not Molin, renamed.—1898: Dist. 1899: *Astia* (type). 1904: *Astiotrema* (type).
reniforme Luehe, 1899, 531, for *reniferum* Looss (Dist.).
reniformis Ariola, 1902, 101, t. h. *Thynnus vulgaris*; Naples.—1902: *Didymocystis* (type).
repandum Rud., 1819a, 681, t. h. *Rana* sp.; Brazil.—1819: Dist.
resectum Looss, 1902m, 537, t. h. *Chelone mydas*; Egyptian coast.—1902: *Criccephalus*.
reticulare Ben., 1859, 84, t. h. *Chelonia midas*.—1859: *Monost.* 1899: *Microscapha* (type). 1901: *Microscaphidium* (type).
reticulata Goto, 1894a, 189, t. h. *Stromateus argenteus*; Japan.—1894: *Microcotyle*.
reticulatum Looss, 1885, 427, t. h. *Wels*; Costa Rica.—1885: Dist. 1899: *Clinost.* [1888: *Mesogonimus* (type).]
reticulatum Wright, 1879, 58, t. h. *Ceryle alcyon*.—1879: Dist. 1899: *Fasc.* 1892: D. (*Brachylaimus*).
reticulatum Poir., 1886, 39, in *Axinurus dugesii*.—1886: Dist. [1899: *Clinost. marginatum*.]
retikulatum Looss, 1885b, 59, for *reticulatum* (Dist.).
retroconstrictum Srámek, 1901, 95, 108, fig. 62, t. h. *Abramis brama*.—1902: Dist.
retroflexum Mol., 1859, 290, t. h. *Belone acus*; Batavii.—1859: Dist. 1898: *Podocotyle*. 1886: D. (*Podocotyle*).
retusum Duj., 1845a, 405, t. h. *Rana temporaria*; Rennes.—1845: Dist. (*Brachycoelium*). 1886: D. (*Dicrocoelium*).
revoluta Frélich, 1802, 58, t. h. *Anas boschas*; Europe.—1802: *Fasc.* 1899: *Echinost.*
rhachiseum Henle, 1833a, 19, t. h. *Rana*.—1833: *Diplost.* 1892: *Tylodelphys*.
rhachidis Dies., 1850a, 305, *rhachiseum* 1833, renamed.—1850: *Tylodelphys*. 1896: *Diplost.* (*Tylodelphis*).
rhatonisii Simon, 1897, 223, misprint for *rathousii* (Dist.).
rhizophisæ Mont., 1888a, 199, for *rhizophysæ* (Dist.).
rhizophysæ Studer, 1878, 12, t. h. *Rhizophysa conifera*.—1878: Dist.
 [rhodopyge Sluiter, 1898 (Dist.), a tunicate.]
rhombi Ben., 1870, 72, t. h. *Rhombus maximus*.—1870: Dist.
rhombi Ben. & Hesse, 1863, 1864, 73, t. h. *Rhombus maximus*.—1863: *Placunella*. 1878: *Trist.* 1903: *Trachopus*.
rhombi lævis Dies., 1858e, 328, t. h. *Rhombus lævis*; Europe.—1855: *Monost.* 1892: *Monostomulum*.
rhopaloides Crep., 1839, 294, for *ropaloides* 1836, q. v.—1839: *Amphist.*
richiardi see *richiardi* (Dist.).—1902: *Probolitrema* (type).
richiardi Brand., 1891b, 267, for *richiardi* (Dist.).
richiardi Mont., 1891, 500, for *richiardi*.—1891: Dist. (*Polyorchis*).
richiardi Lopez, 1888a, 137, t. h. *Acanthias vulgaris*.—1888: Dist. 1900: *Anaporrhutum*. 1902: *Probolitrema* (type).
richiardi Sons., 1890, 172, t. h. *Pagrus orphus*.—1890: *Anoplodiscus* (type).
rigens Linst., 1878a, 282, for *ligula* 1871 (Dist.).
rigonocerca Braun, 1892a, 809, ? for *trigonocerca*.—1892: *Cerc.*
ringens Rud., 1819a, 101, t. h. *Picus tridactylus*; Vien. Mus.—1819: Dist. [1850: D. *macrostomum*.]

- ringens* Linst., 1878a, 360, for ligula 1871 (Dist.), t. h. *Scymnodon ringens*.
- ringens* Lint., 1905, 327, t. h. *Micropogon undulatus*, *Trachinotus carolinus*; Beaufort, N. C.—1905: *Aspidogaster*.
- ringeri* Cobbold, 1880, Aug., 139, t. h. *Homo*.—1880: Dist. 1890: *Mesogonimus*. 1897: *Distomi*. [See *westermanii*.]
- ringerii* for *ringeri* (Dist.).
- ringers* Rev. Sci., 1890, v. 46, 189, 190, for *ringeri* (Dist.).
- robustum* Lorenz, 1881, 583, t. h. *Elephas africanus*.—1881: Dist. 1892: D. (*Brachylaimus*).
- robustum* Stoss., 1902, 18, t. h. *Fuligula cristata*.—1902: *Cyclocœlum*.
- robustum* Looss, 1901, 621, t. h. *Chelone mydas*; Egyptian coast.—1901: *Charaxicephalus* (type).
- rochebruni* Poir., 1886, 36, t. h. *Delphinus delphis*.—1886: Dist. 1892: *Cladocœlum*. 1899: *Brachycladium*.
- rochebrunni* Braun, 1892a, 673, for *rochebruni* (Dist.).
- rombi-lævis* Mont., 1892, 717, for *rhombi-lævis* (Monost.).
- ropaloides* Leblond, 1836e, 290, t. h. *Muraena conger*; coast of Normandy.—1836: *Amphist*. [1850: *Tetrabothriorhynchus migratorius*.]
- rosaceum* Nord., 1832, 82, t. h. *Gadus lota*.—1832: Dist. 1856: D. [*tereticolle*].
- rosarum* Cobbold, 1860a, 21, misprint for *rosaceum* (Dist.).
- rosea* Mueller, 1774, 58, in *sinu Drœbachensi*.—1774: Fasc. 1787: Plan. 1892: *Amphiporus*.
- rosea* Ben., 1870, 1871a, 90, t. h. *Petromyzon omalii*; Belgium.—1870: Dist.
- rossittensis* Mueh., 1898, 16, t. h. *Turdus pilaris*; East Prussia.—1898: *Urogonimus* 1899: *Urotocus* (type).
- [*rostellatum* Dies., 1850a, 603.—1850: *Octobothrium*, cestode.]
- rostrata* Mueller, 1774, 65, in *paludosis*, primo vere annorum.—1774: Fasc. 1776: Plan.
- rostrata* Erc., 1881, see Par., 1894, 190, ? t. h. *Bythinia tentaculata*; Bologna.—1881: Cerc.
- rostroaculeata* Erc., 1881, see Par., 1894, 164, ? t. h. *Bythinia tentaculata*; Bologna.—1881: Cerc. [1894: *C. nodulosa*.]
- rotundatum* Linst., 1877, 187, t. h. *Lanius collurio*.—1877: Holost.
- rotundum* Goto, 1894a, 245, t. h. *Xiphias gladius*; Japan.—1894: Trist.
- rubellum* Olss., 1868, 40, t. h. *Labrus maculatus*.—1868: Dist. 1886: D. (*Brachycœlum*). 1899: *Lecithodendrium*. 1902: *Zoogonus*.
- rubens* Duj., 1845a, 411, t. h. *Sorex fodiens*, *S. tetragonurus*; Rennes.—1845: Dist. (*Brachylaimus*).
- ruber* Luehe, 1900, 507, t. h. *Trigla lineata*.—1900: *Derogenes* (type).
- ruber* see also *rubrum* (*Cricocephalus*).
- rubra* Mueller, 1774, 59, *Fucorum frequens*.—1774: Fasc. 1776: Plan.
- rubrum* Kuhl & van Hasselt, 1822a, 1824a, 311, t. h. *Chelonia midas*; Iles des Coco-tiers.—1824: Monost. 1902: *Cricocephalus*.
- [*rubrum* Savigny (Dist.), a tunicate.]
- rude* Dies., 1850a, 360, t. h. *Lutra brasiliensis*; Brazil.—1850: Dist. [1899: *Paragonimus*.] 1900: *Paragonimus*.
- rudectum* Braun, 1901, 946, t. h. *Ibis cœrulescens*; Brazil.—1901: *Lyperosomum*.
- rudolphianum* Dies., 1850a, 429, t. h. *Orthagoriscus mola*; new name for *T. coccineum* of Rud., *Phylline coccinea* Schweigger, *Capsala sanguinea* Blainville, *T. mola* Bl.—1850: Trist. 1865: *Capsala*.
- rufoviride* Rud., 1819a, 110, t. h. *Muraena conger*; Naples.—1819: Dist. 1845: D. (*Apoblema*). 1899: *Hemiurus*. 1889: *Apoblema*. 1901: *Lecithochirium* (type).
- rugosus* Odhn., 1902, 32, t. h. *Coluber pullatus*.—1902: *Cotylotretus* (type).
- rutilans* Bosc, 1802a, 258.—1802: Plan.
- saccata* Goeze, 1782a, 221, based on Sack-Egel of Merrem, 1781, 169, pl. 1, figs. 3-7.—1781: Fasc. [1803: *Cysticercus tæniæformis*.]
- sacidiornicola* Stoss., 1902, 34, for *sarcidiornicola* (Monost.).

- saginaturn* Ratz, 1898, 73, t. h. *Ardea alba*; Europe.—1898: Dist. 1903: *Pegosomum* (type).
- sagitata* Lespés, 1857, 114, t. h. *Nassa reticulata*; Arcachon.—1857: Cerc. [C. (Gymnocephala).]
- sagitta* Looss, 1899b, 668, t. h. *Chelonia mydas*; Egypt.—1899: *Microscapha*. 1901: *Microscaphidium*. 1902: *Octangium* (type).
- sagitta* Pag., 1862, 297, for *sagitata* (Cerc.).
- sagittalis* Vaney & Conté, 1899, 196, C. *sagittifera* Sieb., 1854, renamed, t. h. *Helix pomatia*.—1899: Cerc.
- sagittata* Dies., 1858d, 249, for *sagitata* 1857.—1858: Cerc. (Gymnocephala).
- sagittatum* Leuck., 1842, 49, t. h. *Salmo fario*.—1842: *Octobothrium*. 1850: *Discoctyle* (type). 1858: *Placoplectanum* (type).
- sagittatus* Dies., 1836, 313, t. h. *Esox belone*; Europe.—1836: *Heteracanthus*. [1850: *Axine bellones*.]
- sagittifera* Sieb., 1854, 18, t. h. *Helix pomatia*.—1854: Cerc. [1858: *Cercariaeum helicis pomatiæ*.]
- salamandræ* Frœlich, 1789, 119, t. h. *Salamandra atra*.—1789: Fasc. 1803: Dist. [1809: *D. crassicolle*.]
- salamandrinæ perspicillatæ* Sons., 1896, 1; 1896, 116.—1896: Dist.
- salebrosus* Braun, 1901g, 946, t. h. *Cypselus melba*; Coll. Vien.—1901: *Lyperosomum*.
- salmonis* Mueller, 1780 of Gœze, 1782a, 173.—Fasc. [1901: ? *Hemiusus crenatus* (Rud.) Luehe.]
- salmonis lavareti* Linst., 1878a, 266.—*Trematodum*.
- salpæ* Par. & Perugia, 1890, 207, t. h. *Box salpa*; Genova.—1890: *Microcotyle*.
- sanguicola* delle Chiaje, 1833, 14, *venarum* renamed, t. h. *Homo*.—1833: *Polyst*.
- sanguinea* Blainv., see Dies., 1850a, 429.—*Capsala*. [1850: *Trist. rudolphianum*.]
- sanguineum* delle Chiaje, 1837b, 245, t. h. *Homo*.—1837: *Polyst*.
- sanguineum* Sons., 1894, 111, t. h. *Camæleo vulgaris*; Gabes in Tunisia.—1894: Dist. 1895: *D. (Brachylaimus)*. 1899: *Anchitrema* (type).
- sarcidiornicola* Mégnin, 1890c, 87, t. h. *Sarcidiornis melanota*; Madagascar.—1890: *Monost*. 1902: *Typhlocelum*.
- sargi* and *sargii* Par. & Per., 1890, 4, t. h. *Sargus rondeletii*; Genova.—1890: *Microcotyle*.
- sauromates* Poir., 1886, 24, t. h. *Elaphis sauromates*.—1886: Dist. 1895: *D. (Dicrocoelium)*. 1904: *Plagiorchis*.
- sauromatis* Braun, 1893a, 876, for *sauromates* (Dist.).
- sawakinensis* Looss, 1899b, 672, t. h. *Larus* sp.; Sawakin, Egypt.—1899: *Stictodora* (type).
- scaber* Rud., 1819a, of Ouhn., 1905, 353.—1905: Dist. [1905: *Stephanochasmus*.]
- scabra* Mueller, 1788, 31, t. h. *Gadus barbatus*.—1788: Fasc. 1803: Dist. 1889: *Apo blema*. 1899: *D. (Hemiusus) scabrum*.
- scabridum* Braun, 1900, 390, t. h. *Noctilio macropus*, *Molossus*, *Phyllostoma*; Brazil.—1900: *Uotrema* (type).
- scabrum* of Rud., 1819a, 424.—1819: Dist. (*Echinost.*). 1860: *Echinost*. 1899: *Anoiktost*. [1899: *Stephanost*.] [1905: *Stephanochasmus*.]
- schistocotyle* Fischder., 1901, 373, t. h. *Dicotyles torquatus*; Brazil.—1901: *Cladorchis* (*Taxorchis*, type).
- schistolotyle* Fischder., 1903f, 607, for *schistocotyle* (*Cladorchis*).
- schlosseri* Graff, 1904, 457, t. h. *Botryllus schlosseri*.—1904: *Plan*.
- sciænæ* Ben. & Hesse, 1863, 123, t. h. *Sciæna aquila*.—1863: *Diplectanum*.
- sciænæ* P. J. Ben., 1856, 502, t. h. *Sciæna aquila*.—1856: *Epibdella*. 1891: *Phylline*. 1903: *E. (Benedenia)*. [1878: *Trist*.] [1858: *Benedenia elegans*, type.]
- sciænæ* Goto, 1894a, 194, t. h. *Sciæna scina*; Japan.—1894: *Microcotyle*.
- sciænæ* Ben. & Hesse, 1863, 1864, 93, t. h. *Sciæna aquila*.—1863: *Udonella*.
- sciænæ* Tasch., 1878, 568, for *sciænæ* Ben., 1856.—1878: *Trist*.
- scimna* Risso, 1826, 262, t. h. *Echinorhinus spinosus*.—1826: Dist. [1850: *D. insigne*.]
- sciænæ* Ben. & Hesse, 1864, 123, for *sciænæ* (*Diplectanum*).
- sciænæ* Ben. & Hesse, 1864, 69, for *sciænæ* (*Epibdella*).

- scleroporum* Crep., 1844a, 112, t. h. *Chelonia mydas*; Vratislaviæ.—1844: Amphist.
- scoliocalium* Fischder., 1904, 459, t. h. *Buffelus indicus* in Cochinchina and Annam; *Bos taurus* in Annam.—1904: Paramphist.
- scombri* Kuhn., 1829b, 361, t. h. *Scomber scomber*.—1829: Octost. 1832: Octobothrium. 1864: Octocotyle.
- scombri* Tasch., 1879, 612, t. h. *Scomber colias*; Naples.—1879: Didymozoon.
- scombri* of Grube, 1855a, 137, t. h. *Scomber scombrus*.—1855: Octobothrium. 1855: Tetracotyle. [1855: Grubea cochlear, type.] 1859: Pleurocotyle (type). [1859: Pleurocotylus, type.] 1864: Grubea.
- scombri pelamidis* Tilesius in Rud., 1809a, 437.—1809: Fasc. [1809: Dist. clavatum.]
- scombrinum* Linst., 1889, 80, for *sobrinum* (Dist.).
- scorpæne* Rud., 1819a, 122, t. h. *Scorpæna scrofa*; C. E. V.—1819: Dist. 1886: D. (Dicrocoelium). 1899: Dicrocoelium. [1899: Creadiinæ.]
- scorpii* Mueller, 1776, 223, t. h. *Cottus scorpius*.—1776: Fasc. 1803: Dist. [1850: D. granulum.]
- scymna* Villot, 1878, 3, for *scimna* (Dist.).
- scymni* Mont., 1893, 52, for *scimna* (Dist.).
- scymni ainosi* Dies., 1858e, 371, t. h. *Scymnus ainosi*.—[1857: Polyst. sp.] 1858: Polyst. 1858: Onchocotyle.
- scyphocephalum* Braun, 1899, 630, t. h. *Testudo matemata*; Brazil.—1899: Dist. 1901: Acanthochasmus.
- sebastis* Goto, 1894a, 187, t. h. *Sebastes* sp.; Japan.—1894: Microcotyle.
- secunda* Ssinitzin, 1905, 153; 1906, 687, t. h. *Corethra*, *Ephemera*; Warschau.—1905: Cerc.
- secundum* Nicoll, 1906, 514, t. h. *Hæmatopus ostralegus*, *Larus argentatus*, *L. ridibundus*.—1906: Echinost.
- secundus* Looss, 1907, 134, t. h. mule; Assam.—1907: Gastrodiscus.
- segmentatum* Mueller, 1894, July, 113.—1894: Dist. (Echinost.).
- semiarmatum* Mol., 1858, 131, t. h. *Acipenser naccari*; Patavii.—1858: Dist. 1886: D. (Echinost.).
- semiflavum* Linst., 1880, 50, t. h. *Petromyzon fluviatilis*.—1880: Dist.
- semifusum* Olss., 1876, 28, t. h. *Sula bassana*; Lund.—1876: Monost.
- semisquamosum* Braun, 1900, 228, t. h. *Vesperugo noctula*.—1900: Dist. [1907: Parabascus.]
- semperi* Weber, 1889.—*Temnocephala*.
- semperii* Mont., 1891, 129, for *semperi* (*Temnocephala*).
- sepiolæ* delle Chiaje, —: Monost.
- seriale* Rud., 1808a, 351; 1809a, 368, t. h. *Salmo alpinus*; Greenland.—1808: Dist.
- serialis* Looss, 1901, 620, t. h. *Thalassochelys corticata*; Alexandria, from Egyptian coast.—1901: Adenogaster (type).
- serotinus* Staff., 1904, 493, t. h. *Moxostoma macrolepidotum* Le S.; Canada.—1904: Plagioporus (type).
- serpens* Nitzsch, in Rud., 1819a, 88, t. h. *Falco haliaëtus*; Halle.—1819: Amphist. 1819: Holost.
- serpentatum* Mol. 1859, 830, t. h. *Sayris camperi*; Batavii.—1859: Dist. 1896: D. (*Brachylaimus*).
- serpentulum* Carus, 1884, 131, for *serpentatum* (Dist.).
- serrani* Mont., 1889, 322, t. h. *Serranus fimbriatus*, at Madeira, and *S. gigas* at Naples.—1889: Didymozoon.
- serrata* Frœlich, 1789, 148 [an Arachnoid], t. h. hares.—1789: Linguatula (type). 1800: Polyst. 1809: Polyst. (Pentast.). 1819: Pentast.
- serrata* Looss, 1899b, 592, t. h. *Varanus niloticus*; Zool. Inst. Leipzig.—1899: Styphlodora (type).
- serratum* Dies., 1850a, 385, t. h. *Aranus scolopaceus*; Brazil.—1850: Dist. 1860: Echinost.
- serrulata* Mueller, 1776.—Fasc. [1901: ? *Hemiurus crenatus*.]
- sessilis* Odhn., 1902, 27, t. h. *Nilkrokodil*.—1902: Nephrocephalus (type).
- sessilis* Goto, 1894a, 212, t. h. *Chcerops japonicus*; Mitsugahama (Prov. Iyo, Japan).—1894: Dielidophora. 1895: Cyclobothrium (type).

- setifera* O. F. Mueller, 1786, 127, in aqua marina raro.—1786: Cerc. [1827: Trichoda.]
- setifera* Moul., 1856a, 214 and Dies. 1858d, 250 based on J. Mueller, 1850, 497, free in water; Marseille or Triest.—1856: Cerc. 1858: C. (Gymnocephala).
- setifera* Mueller of Villot, 1879 (Cerc.), in Scrobicularia tenuis. See villoti (Cerc.).
- setigera* Giard, 1897c, 955, for setifera, 1850.—1897: Cerc.
- setosicauda* Dadaï, 1888f, 84.—1888: Histrionella.
- setosicaudata* Mont., 1888, 77, for setosicauda (Histrionella).
- settenii* Numan, 1840, 358, t. h. Equus caballus.—1840: Monost. 1850: Pentast. [1891: Oestrid larva.] 1892: Monostomulum.
- sialidis* Linst., 1892, 334, t. h. Sialis lutaria.—1892: Dist.
- siamense* Poir., 1886, 327, t. h. Crocodilus siamensis.—1886: Diplost.
- sibiricum* Winnogradow, 1892, 116, t. h. Homo; Siberia.—1892: Dist. [Opisthorchis felineus.]
- siemersi* Buettel-Reepen, 1900, 589, t. h. Sphyræna barracuda; Atlantic.—1900: Dist.
- [*sigmoidea* (Nitzschia), a diatom.]
- sigmoideus* Looss, 1899b, 608, t. h. Passer dom. at Alexandria, Caprimulgus europæus, at Cairo.—1899: Phaneropsolus (type).
- signatum* Duj., 1845a, 415, t. h. Coluber natrix; Rennes.—1845: Dist. (Brachylaimus).
- signatum* Duj., of Erc., 1881e, 73, in Tropidonotus natrix.—1881: Dist. 1899: Telorchis. [1893: D. ercolanii.]
- siluri* Wagener, 1857, see Braun, 1890a, 544.—Dactylogyrus.
- siluri glanidis* Wagener, 1857, see Dies., 1858e, 379.—Dactylogyrus.
- simile* Sons., 1890, 105, t. h. Python molurus.—1890: Dist.
- simile* Jægers., 1900, 737, see pygmæa similis.—[1900: Levinsonia pygmæa var.] 1902: Spelotrema.
- simile* Looss, 1899b, 601, see similigenus.—1899: Dist. 1899: Hæmatolœchus. 1902: Pneumonœces.
- similigenus* Stiles & Hass., 1902d, 20, for simile (Dist.) Looss, (Hæmatolœchus).
- simplexplexus* Staff., 1902, 901, t. h. American frogs and toads.—1902: Hæmatolœchus. 1905: Pneumonœces.
- similis* Stoss., 1902, 24, t. h. Himantopus atropterus; Egypt.—1902: Hæmatotrephus.
- simillimum* Mueh., 1898, 18, t. h. Fuligula nyroca.—1898: Dist. 1899: Psilost.
- simplex* Odhn., 1900, 62, t. h. Pleuronectes limanda; Kristineberg, Sweden.—1900: Aporocotyle (type).
- simplex* Rud., 1809a, 370 (æglefini Mueller, 1776, renamed), t. h. Gadus æglefinus.—1809: Dist. 1886: D. (Dicrocoelium). 1904: Sinistroporus (type).
- simplex* Polonio, 1859, teste Par., 1894, 147, t. h. Lacerta muralis; Padua.—1859: Dist.
- simplex* Looss, 1899b, 606, 607, D. cygnoides var. B. of Bensley, 1892, renamed.—1899: Gorgodera. 1902: Gorgoderina (type).
- simplex* Johnston, 1904, 112, t. h. Ardea novæ hollandiæ Lath.—1904: Holost.
- simplissima* Curtis, 1900a, 447.—1900: Planaria.
- simulans* Looss, 1896b, 52, t. h. Pernis apivorus; Alexandria, Egypt.—1896: Dist. 1898: Opisthorchis.
- simulans poturzyensis* Kowal., 1898g, 71 or 1898h, 135, t. h. Anas boschas dom.—1898: Opisthorchis. 1898: Campula.
- sinense* Cobbold, 1875i, 423, t. h. Homo; China.—1875: Dist. 1895: Opisthorchis. 1896: Dicrocoelium. 1907: Clonorchis (type).
- sinese* Mosler & Peiper, 1894, 177 for sinense (Dist.).
- sinese* MacConnell, 1876, 343, misprint for sinense (Dist.).
- singulare* Mol., 1859, 288, t. h. Ibis falcinellus; Patavii.—1859: Dist. 1899: of Looss, Stomylus (type). 1892: D. (Dicrocoelium). [1900: of Looss, Stomylotrema, type.]
- singulare* Keferstein, 1862a, 131, t. h. Capitella rubicunda; St. Vaast.—1862: Loxosoma (type).
- singularis* Stoss., 1902, 29, t. h. Gallinula pusilla; loc. not given.—1902: Ophthalmophagus.

- singularis* Mol. of Looss, 1899b, renamed *perpastum* Braun.—1899: *Stomylus* (type).
[1900: *Stomylotrema*, type.]
- sinuatum* Goto, 1894a, 239, t. h. *Histiophorus* sp.; Japan.—1894: *Trist.*
- sinuatum* Rud., 1819a, 97, t. h. *Ophidium imberbe*; Naples.—1819: *Dist.* 1901: *Allocreadium*. 1902: *Helicometra*.
- sinuatum* Mont., 1899, 109, misprint for *sinuatuum* 1894 (*Trist.*).
- siredonis* Poir., 1886, 32, t. h. *Siredon mexicanus*, int.—1886: *Dist.* 1899: *Opisthioglyphe*.
- sirenis* Braun, 1893a, 870, for *sirenis lacertinae* (*Dist.*).
- sirenis lacertinae* Vaillant, 1863, 348, t. h. *Siren lacertina*.—1863: *Dist.*
- sluiteri* Brock, 1886, 543, t. h. *Diacoep metallicus*; Java.—1886: *Eurycælum* (type).
1892: *Dist.* 1892: *Apoblema*. 1899: *Hemiurus*.
- smaris* Ijima, in Goto, 1894a, 207, t. h. *Smaris vulgaris* (on caudal segment of a *Cymothoa*); Gulf of Naples.—1894: *Octobothrium*. 1894: *Diclidophora*.
- sobrinum* Levin., 1881a, 70, t. h. *Cottus scorpius*; Egedesminde.—1881: *Dist.* 1886: *D.* (*Echinost.*). 1899: *Stephanost.* 1899: *Anoiktost.* 1904: *Stephanochasmus*.
- soccus* Mol., 1858, 129, t. h. *Mustelus plebejus*; Patavii.—1858: *Dist.* 1886: *D.* (*Brachylaimus*). [1899: *D. megastomum*.]
- sociale* Luehe, 1901, 171, t. h. *Bufo melanostictus* Schneider; India.—1901: *Dist.*
- solex* Ben. & Hesse, 1863; 1864, 70, t. h. *Solea vulgaris*.—1863: *Phyllonella* (type).
1890: *Epibdella*. 1903: *Phylline*. 1879: *Trist.* (*Phyllonella*). 1878: *Trist.*
- solex* Duj., 1845a, 417, t. h. *Pleuronectes solea*; Rennes.—1845: *Dist.* (*Brachylaimus*).
- soleæforme* Rud., 1809a, 384, t. h. *Trigla gurnardus*; for *D. triglæ gurnardi*.—1809: *Dist.* 1828: *Fasc.*
- soleare* Braun, 1899e, 629, t. h. *Testudo midas*.—1899: *Dist.* 1901: *Cymatocarpus*.
- solidus* Looss, 1901l, 619, t. h. *Chelone mydas*; Egypt.—1901: *Glyphicephalus* (type).
- solitaria* Looss, 1899b, 592, t. h. *Thalassochelys corticata*; Abukir.—1899: *Styphlodora*.
1903: *Renifer*.
- solivagus* Odhn., 1902, 29, t. h. *Clemmys caspica*.—1902: *Telorchis*.
- soleæiformis* Blainv., 1828, 585, for *soleæforme* Rud., 1809a, 384.—1828: *Fasc.*
- somateriæ* Levin., 1881, 71, t. h. *Somateria mollissima*; Egedesminde.—1881: *Dist.*
1892: *D.* (*Brachycælum*). 1899: *Lecithodendrium*. 1900: *Gymnophallus*. 1902: *Leucithodendrium*. 1904: *Leucithodendrium*.
- sonsinoi* Giard, 1880a, lxviii.—Linst., 1889, 23, for *sonsinoii* 1877 (*Gastrodiscus*).—1889: *Amphist.*
- sonsinoii* Cobbold, 1877e, Apr., 233, t. h. *Equus*; Egypt.—1877: *Gastrodiscus* (type).
1877: *Aspidocotylus*. [1889: *Amphist. sonsinoi*.] [1896: *Gastrodiscus ægyptiacus*.]
- sonsinoni* Poir., 1883, 74, for *sonsinoii* (*Gastrodiscus*).
- sonsinonis* Cobbold, 1879b, 359, for *sonsinoii* (*Gastrodiscus*).
- sophiæ* Stoss., 1886, 44, t. h. *Pagellus mormyrus*; Trieste.—1886: *Dist.* 1886: *D.* (*Echinost.*). [1899: *Creadiinae*, ?*Creadium*.]
- sorbens* Braun, 1899g, 490, t. h. *Tantalus loculator*; Brazil.—1899: *Clinost.*
- soricis* Dies., 1858e, 354, t. h. *Sorex araneus*.—1858: *Dist.* [1855: *D.* (*Dicrocælum*).]
- soricis* Linst., 1877, 191, t. h. *Sorex vulgaris*.—1877: *Tetracotyle*.
- soricis aranei* Dies., 1855, 64; see *soricis*.—1855: *Dist.* (*Dicrocælum*).
- spari* Rud., 1819a, 122, t. h. *Sparus erythrinus*, *S. smaris*; C. E. V.—1819: *Dist.*
- spataceum* Stoss., 1896, 126, for *spathaceum* (*Diplost.*).
- spathaceum* Rud., 1819a, 109, t. h. *Larus glaucus*; Mus. Vien.—1819: *Dist.* 1845: *Holost.* 1850: *Hemist.* 1876: *Diplost.* 1898: *Conchosomum*.
- spathula* Brand., 1888a, 54, t. h. *Falco palumbarius*; Vienna Museum.—1888: *Diplost.*
1888: *Hemist.*
- spathula* Crep., 1829, 50, t. h. *Falco buteo*, *F. nisus*, *F. lagopus*.—1829: *Holost.* 1850: *Hemist.* [1898: *Conchosoma*.]
- spathulæforme* Brand., 1888a, 44, t. h. *Strix otus*.—1888: *Diplost.*
- spathulatum* Leuck., 1876, 871, not *Crep.*, 1849, t. h. *Homo*; for *spatulatum* Rud., 1819.—1876: *Dist.* [*Opisthorchis sinensis*.]

- spathulatum* Rud. of Crep., 1837, 310, for spatulatum.—1837: Dist. 1898: Echinost. 1902: D. (Echinost.). 1902: Sodalis (type).
- spathulatum* Dies., 1859c, 426, for spatulatum (Monost.).
- spathulatum hepatis* Simmonds, 1901, 110, see sinense (Dist.).
- spatiosus* Brand., 1898a, 197, t. h. *Bos taurus*; Dschidda, Arabia.—1898: *Gastrothylax*.
- spatula* Duj., 1845a, 394, t. h. *Accentor modularis*, int.; Rennes.—1845: Dist. (*Dicrocoelium*).
- spatula* Sieb., 1835, 57, for spathula Crep., 1829.—1836: Holost. 1898: *Conchoso-*
mum.
- spatula* Odhn., 1902, 66, t. h. *Bagrus docmac*, B. bayad; Sudan.—1902: *Phyllodist.*
1902: *Catoptroides* (type).
- spatulæforme* Odhn., 1902, 67, t. h. *Malapterurus electricus*; Africa.—1902: *Phyllo-*
dist. 1902: *Catoptroides*.
- spatulatum* Cobbold, 1879, 28, for spathulatum Leuck., 1876, 871; not spatulatum
Rud., 1819.—1879: Dist. [*Clonorchis sinensis*.]
- spatulatum* Leidy, 1859, 111, t. h. a fish; America.—1859: Monost.
- spatulatum* Rud., 1819a, 109, t. h. *Ardea minuta*; Vien. Mus.—1819: Dist. 1845:
Holost. 1902: Sodalis (type) spathulatus. 1898: Echinost. [*spathulatum*].
- speciosus* Stiles & Hass., 1896, 151, *D. longissimum corvinum*, 1894, renamed because
of *D. corvinæ*, 1886; but *corvinæ* should not invalidate *corvinum*.—1896: *Opis-*
thorchis.
- spenceri* Haswell, 1893e, 97, t. h. *Astacopsis bicarinatus*; Australia.—1893: *Craspedella*
(type).
- spermatica* Blumberg, see Chiaje, 1833, 34.— : Cerc.
- sphæricus* Klein, 1905, 68, t. h. *Rana hexadactyla*.—1905: *Pleurogenes*.
- sphærocephalum* Westrumb, 1823, 396, t. h. *Coracias jugularis*; Rio de Janeiro, Brazil.—
1823: Amphist. 1850: Holost.
- sphærostomum* Schlotthauber, 1860, 130, t. h. *Corvus caryocatactes*.—1860: Dist.
- sphærule* Looss, 1896b, 81, t. h. *Rhinolophus hippocrepis* Bonap.; Ghizeh.—1896: Dist.
1899: *Lecithodendrium*.
- sphærule* Rud., 1803a, 23, t. h. *Corvus cornix*; Greifswald.—1803: Amphist. 1845:
Holost.
- sphyræ* Braun, 1890a, 544, for sphyrna (*Dactylogyrus*).
- sphyrænæ* Tasch., 1879, 612, t. h. *Sphyræna vulgaris*; Naples.—1879: *Didymozoon*.
- sphyrna* Linst., 1878, 229, t. h. *Abramis vimba*; middle Europe.—1878: *Dactylogyrus*.
- spiculator* Duj., 1845a, 424, t. h. *Mus decumanus*; Rennes.—1845: Dist. (Echinost.).
1860: Echinost.
- spiculigerum* Muehling, 1898, 18, t. h. *Fuligula nyroca*.—1898: Dist. 1899: *Psilost*.
- spinacis* Goto, 1894a, 224, t. h. *Spinax* sp.; at Odawara, Japan.—1894: *Onchocotyle*.
1899: *Squalonchocotyle*.
- spindalis* Montgomery, 1906, 147, t. h. *Bos indicus*; India.—1906: *Schistosoma*.
- spinetum* Braun, 1901, 563, t. h. *Rhynchops nigra* L.; Brazil.—1901: *Microlistrum*.
- spiniceps* Looss, 1896b, 114, t. h. *Bagrus bayad*; Cairo, Egypt.—1896: Dist. 1899:
Anoiktost. 1899: *Acanthost.* (type). 1901: *Acanthochasmus* (type).
- spinifera* La Valette, 1855, 17, t. h. *Paludina vivipara*, *Planorbis corneus*.—1855: Cerc.
1858: C. (*Nephrocephala*).
- spiniferum* Ratz, 1903, 422, t. h. *Botaurus stellaris*; Hungary.—1903: *Pegasomum*.
- spiniosissimum* Stoss., 1883, 112, t. h. *Box salpa*; Triest.—1883: Monost. 1901:
Centroderma (type).
- spinosum* Linst., 1880, 51, t. h. *Sylvia rufa*.—1880: Dist. 1892: D. (*Dicrocoelium*).
[1899: ?*D. cirratum*.]
- spinulosum* Rud., 1808a, 458; 1809a, 425, t. h. *Larus naevius*, *L. cinerarius*, *Colymbus*
septentrionalis; Greifswald.—1809: Dist. (Echinost.). 1858: Echinost.
- spinulosum* Hofmann, 1899a, 184.—1899: Dist. 1899: *Harmost*.
- spinulosum* Hofmann, 1899a, 178, of *pulmonates*.—1899: *Cercariæum*. [1899: Dist.
spinulosum.]
- spinulosum* Looss, 19011, 623, t. h. *Chelone mydas*; Alexandria, Egypt, from Egyptian
coast.—1901: Amphist.

- spirale* Dies., 1850a, 325, t. h. *Hypsilophus tuberculatus*, *Podocnemis tracaxa*, *Chelonsidis tuberculatus*; Brazil.—1850: Monost. 1892: Dist.
- spirale* Fil., teste Par., 1896, 2, t. h. *Dentex vulgaris*.—Dist.
- squali* E. Bl., 1847, 327, t. h. *Squalus*; New Zealand.—1847: Trist. [1850: T. blanchardii.]
- squali grisei* Risso, —, 38, see Dies., 1850a, 347.—Fasc. [1850: Dist. veliporum.]
- squamata* Kerbert, 1881a, 556, for *squamula* (Dist.).
- squamatum* Linst., 1906, 174, t. h. *Dissura episcopus*; Palatupana.—1906: *Lyperosomum*.
- squamatus* Odhn., 1905, 297 (armatum Mol. of Olss.), t. h. *Cottus scorpius*; Belgium.—1905: *Prosorhynchus* (type).
- squamosum* Villot, 1878, 20, t. h. *Strepsilas interpres*.—1878: Holost. 1890: Dist.
- squamula* Rud., 1819a, 103, t. h. *Mustela putorius*; Mus. Vien.—1819: Dist. 1845: D. (*Eurysoma* [type]). 1850: Monost. 1892: D. (*Dicrocoelium*). 1898: *Eurysoma* (type).
- squamula* Heath, 1902, 109, t. h. *Paralichthys californicus*.—1902: *Epibdella*. 1903: *Phylline*. 1905: E. (*Phylline*).
- squatina* Ben., 1865a, 11, t. h. *Squatina angelus*; Ostend, Belgium.—1865: *Pseudocotyle* (type).
- squillarum* Par. & Per., 1889, 76, t. h. *Bopyrus squillarum*; Triest.—1889: *Mescocotyle* (type). 1898: *Dactylocotyle*. 1895: *Octobothrium*. [1898: *Dactylocotyle merlangi*.]
- stagnalis* Mueller, 1774, 53, in stagnis.—1774: Fasc. 1776: *Planaria*.
- stanleyi* Cobbold, 1879b, 357, for *stanleyii* (*Amphist.*).—1879: *Amphist. collinsii*.
- stanleyii* Cobbold, 1875n, 819, t. h. *Equus caballus*; India.—1875: *Amphist*.
- steenstrupi* Odhn., 1902, 68, t. h. *Anarrichas minor* s. *pantherinus*; Coll. Copenhagen.—1902: *Lepidophyllum* (type).
- stenocotyle* Cohn, 1902, 880, t. h. *Herpetodryas fuscus*; South America.—1902: *Leptophyllum* (type).
- stentomi* Goto, 1899a, 279, t. h. *Stenotomus chrysops*; Newport, R. I.—1899: *Microcotyle*.
- sterna cantiaxæ* Dies., 1858, 355, t. h. *Sterna cantiaxa*; based on LaValette and Moul., 1856, 102.—1858: Dist.
- stossichi* Mont., 1893, 87, for *stossichii* (*Apoblema*).—1899: *Hemiurus*.
- stossichi* Luehe, 1901 of Odhn., for *stossichii*.—1905: *Hemiurus*. [1905: H. lühei.]
- stossichi* Braun, 1899, 80, t. h. *Mustelus lævis*.—1899: *Calicotyle*.
- stossichianum* Mont., 1892, 12, t. h. *Box salpa*; Italy.—1892: Monost.
- stossichii* Mont., 1891, 512, t. h. *Clupea aurita*, *C. pilchardus*.—1891: *Apoblema*. 1893: Dist. 1899: *Hemiurus*. 1907: *Aphanurus*, type.
- streptocœlium* Fischder., 1902a, 19, for *streptocœlium* (*Paramphist.*).
- streptocœlium* Fischder., 1901, 369, t. h. *Bos kerabau*; Ceylon.—1901: *Paramphist*.
- striata* Herbst, 1787a, 34.—1787: *Planaria*.
- striata* Par. & Perugia, 1890, 7, 21, t. h. *Lichia amia*; Triest.—1890: *Vallisia* (type). 1890: *Octocotyle*. [*Octobothrium arcuatum*].
- striatum* Rud., 1809a, 343, t. h. *Falco milvus*; Europe.—1809: *Amphist*. [1819: A. macrocephalum.] [1850: *Hemist. spathula*.]
- stridulæ* Reich, 1801, 371, t. h. *Strix stridula*.—1801: Bist. 1801: Dist. [1809: D. apiculatum.]
- strigata* Mueller, 1774, 66, in aquis paludosis.—1774: Fasc. 1776: *Planaria*.
- strigis* Schrank, 1788a, 16, t. h. *Weideneule*.—1788: *Festuc.* 1790: Fasc. [*Planaria*.] 1790: *Strigea*, type. [1801: *Amphist.*, type.] [1809: *Amphist. macrocephalum*, type.] [1850: *Holost. variabile*.]
- strigis stridulæ* Braun in Rud., 1809a, 347.—1809: Fasc.
- strigosum* Looss, 1899, 634, t. h. *Merops apiaster*; Marg.—1899: *Dicrocoelium*. 1899: *Lyperosomum*.
- sturionis* Rud., 1809a, 435, t. h. *Acipenser sturio*; Arimini.—1809: Dist. [—: D. hispidum.]
- sturionis* Abldg., 1794b, 55, t. h. *Stören*.—1794: *Hirudo*. —: Trist. [1850: *Nitzschia elegans*.] 1852–53: *Nitzschia*. [1878: T. elongatum.]

- stylosa* Linst., 1875, 193, t. h. Planorbis vortex.—1875: Cerc.
- subclavata* [Pallas, 1760, 29;] Goeze, 1782a, 178, t. h. Rana; Germany.—[1760: Fasc.] 1782: Planaria. 1788: Fasc. 1800: Dist. 1802: Amphist. 1836: Diplodiscus (type). [1850: Diplocotyle.]
- subclavata* ore sessile Pallas, 1760, or 1761, 271, t. h. Rana.—1760: Fasc.
- subclavatum* Sons., 1893, 187, for subclavatum (Amphist.).
- subflavum* Sons., 1892, 91, t. h. Zamenis viridiflavus.—1892: Dist. 1895: D. (Brachylaimus).
- [*subtilis* (Nitzschia), a diatom.]
- subtriquetrum* Rud., 1814a, 100, t. h. Castor fiber; Berlin, Germany.—1814: Amphist. 1840: Dist. 1901: Cladorchis (Stichorchis). 1902: Stichorchis.
- subtriquetrum giganteum* Kuech., 1855, 192 (?for subtriquetrum, giganteum).—1855: Amphist.
- subulata* Herbst, 1787a, 36.—1787 Planaria.
- subulo* Pag., 1857, 19, t. h. Paludina vivipara—1857: Cerc. 1858: C. (Acanthocephala).
- suis* Stiles, 1898a, 22, musculorum suis Duncker, 1896, named binominally; t. h. Sus scrofa dom.; Germany.—1898: Agamodist.
- sulcatum* Linst., 1883, 309, t. h. Perdix græca; Turkestan.—1883: Dist. 1892: Clado-cœlium.
- sulcatum* Rud., 1809a, 337, t. h. Rana pipa, intestine.—1809: Monost. (Monost.).
- superbum* Staff., 1904, 492, t. h. Ameiurus nebulosus, Perca flavescens; Canada.—1904: Phyllodist.
- suspensum* Braun, 1901, 948, t. h. Corvus sp.—1901: Dist.
- syamula*, see squamula.
- sygnoides* Nord., 1840, 617, for cygnoides (Dist.).
- sylvix* Rud., 1819a, 675, t. h. Sylvia cyanea; Brazil.—1819: Amphist.
- synthes* Fischder., 1901, 371, t. h. Bos kerabau; Ceylon.—1901: Gastrothylax.
- syrinus* Kuech., 1855, 471, misprint for gyrinus (Cerc.).
- tabulatum* Mueller, 1897, 21, in Numenius arquatus.—1897: Echinost.
- tacapense* Sons., 1894, 111; 1894, 2, t. h. Chamæleo vulgaris, Rana esculenta, Bufo sp.; Gabes in Tunis.—1894: Dist. (Brachycœlium). 1899: Pleurogenes. [1899: D. medians Olss.]
- tadornæ* Rud., 1819a, 89, for anatis tadornæ, syn. of isostomum.—1819: Amphist.
- tænioidea* Nord., 1840, 595, for tænioides (Polyst.).
- tænioides* Rud., 1809a, 441, t. h. Canis familiaris; France.—1809: Polyst. (Pentast.). 1819: Pentast. 1819: Prionoderma. [1824: prionoderme (type).] 1789: Lingua-tula, type.]
- tænioides* Mont., 1888a, 93, t. h. Orthagoriscus mola.—1888: Didymozoon. 1904: Nematobothrium (Didymozoon).
- tagax* Braun, 1901g, 896, t. h. Hirundo versicolor; Brazil.—1901: Stomylotrema.
- talpæ* Viborg, 1795, 242.—1795: Dist.
- talpæ cæcæ* Dies., 1850a, 472.—1850: Trematodum.
- tanagræ* Rud., 1819a, 674, t. h. Tanagra tatao; Brazil.—1819: Amphist.
- tarda* Steenstrup, 1842, 75, Cerc. armata Siebold, renamed.—1842: Dist. [1858: Tetracotyle typica.]
- tardigrada* Dies., 1850a, 293, D. duplicatum, renamed.—1850: Rhopalocerca (type).
- tartinii* Stoss., 1899, 6, t. h. Oblata melanura; Trieste.—1899: Dist.
- taschenbergi* Par., 1894, 704, for taschenbergii (Dactylocotyle).
- taschenbergi* Par. & Per., see St. Remy, 1898, 555.—Dielodophora.
- taschenbergii* Par. & Perugia, 1889, 743, t. h. Sargus rondeletii; Genova.—1889: Choricotyle. 1890: Octobothrium. 1894: Dactylocotyle (Choricotyle).
- tasmanica* Haswell, 1900, 430, t. h. Astacopsis tasmanicus.—1900: Temnocephala.
- tectum* Linst., 1873, 104, t. h. Osmerus eperlanus.—1873: Dist. [1905: Brachyphallus crenatus, type.]
- tellinæ balticæ* Dies., 1850a, 298, t. h. Tellina baltica; Gedani.—1850: Cerc. 1855: Cercariæum.
- temperatus* Staff., 1905, 689, t. h. Rana catesbiana, R. virescens; Canada.—1905: Diplodiscus.

- tenax* Mueller, 1773, 69, in infusione sordium dentium intra quadriduum.—1773: Cerc. 1827: Phacus.
- tener* Kowal., 1903, 517, t. h. *Mergus merganser*.—1903: Metorchis.
- tener* Looss, 1898, 458, *D. tacapense* Sonsino of Looss renamed.—1898: Dist. 1898: Pleurogenes. 1899: Prosotocus. 1899: D. (Pleurogenes).
- tenerum* Looss, 1899b, 616, 622, see *tener* (Dist.).
- tensum* Looss, 1902h, 141, t. h. *Mugil chelo*; Triest.—1902: Saccocelium.
- tentaculata* Mueller, 1774, 63, in aquis palustribus.—1774: Fasc. 1776: Planaria.
- tenue* Lint., 1898, 535, t. h. *Roccus lineatus*.—1898: Dist.
- tenue tenuissime* Lint., 1898, 536, t. h. *Morone americana*.—1898: Dist.
- tenuicolle* Rud., 1819a, 93, t. h. *Phoca barbata*.—1819: Dist. 1892: D. (Brachylaimus). 1896: Opisthorchis.
- tenuicolle* Rud., 1819a, 85, t. h. *Lampris guttatus*; Groningæ.—1819: Monost. (Monost.) [1850: Dist. affine Dies. nec Rud.].
- tenuicolle* Westrumb, 1823, 391, t. h. *Falco rufus*; [Mus. Cat. Vien.].—1823: Amphist. 1850: Holost.
- tenuicollis-felineus* Looss, 1899, 678, see *tenuicollis*.—1899: Opisthorchis.
- [*tenuis* Muenster, 1842, 99.—*Hirudinella*. *Hirudella*, a leach.]
- tenuis* Wedl, 1857, 258, t. h. *Perca fluviatilis*.—1857: Gyrodactylus. 1858: Dactylogyrus.
- tenuissime* Lint., 1898, 536, t. h. *Morone americana*.—1901: Dist. [1898: D. *tenue*.]
- teres* Goeze, 1782a, 173.—1782: Planaria.
- teres duplici poro* Goeze, 1782a, 173.—1782: Planaria.
- teres poro simplici* Goeze, 1782a, 173.—1782: Planaria.
- tereticolle lucii* Mayer, 1841, 18.—1841: Distoma.
- tereticolle rosaceum* (Nordmann, 1832) Dies., 1850a, 364.—1850: Dist.
- tereticollis* Rud., 1802, 74-75, *lucii* Mueller renamed.—1802: Fasc. 1808: Dist. 1845: Dist. (Brachylaimus). 1899: Azygia (type). 1904: Azigia.
- teretiusculum* Mont., 1893, 40, t. h. *Solea klenii*.—1893: Dist.
- tergestinum* Stoss., 1889, 28, t. h. *Oblata melanura*; Triest.—1889: Dist.
- tergestinum* Stoss., 1883, 119, t. h. *Gobius niger*, G. jozo; Triest.—1883: Gasterost.
- terrestre* Mueller, 1774, 68, in asseribus muscisque humidis.—1774: Fasc. 1776: Planaria. [Rhynchodesmus.]
- terrestris* Linst., 1889c, 241, t. h. *Helix lens*; Greece.—1889: Cerc.
- terricola* Linst. 1889c, 241, t. h. *Helix* ? *vermiculata*; Algiers.—1889: Cerc.
- testudinis* Rud., 1819a, 121, t. h. *Testudo orbicularis*; C. E. V.—1819: Dist. [1850: Monost. *delicatum*.]
- testudinis* Braun, 1899, 630, MS. name in Vienna Coll.—1899: Monost. [1899: Dist. *scyphocephalum*.]
- testudinis midæ* Braun, 1899, 629, for t. *mydæ* (Dist.).
- testudinis mydæ* Rud., 1809a, 433, for *D. intestinalis testudinis mydæ*.—1809: Dist.
- teihyæ* Mont., 1892, 717.—1892: Monost.
- tetracystis* Gastaldi, 1854, 4, t. h. *Rana esculenta*.—1854: Dist. 1905: *Cystagora* (type).
- tetracystis ranæ esculentæ* Dies., 1855, 64; see *tetracystis*.—1855: Dist.
- tetragona* Mueller, 1774, 69, in stagno ac foveis aquæ purioris nec vulgaris.—1774: Fasc. 1776: Planaria.
- tetrodonis* Goto, 1894a, 213, t. h. *Tetrodon* sp.; Hagi, Japan.—1894: *Diclidophora*. 1896: *Heterobothrium* (type).
- tetrodontis* St. Remy, 1898, 554, for *tetrodonis* (*Diclidophora*) (*Heterobothrium*).
- texanicum* Francis, 1891c, 135, t. h. *Bos taurus*; Texas.—1891: Dist. [Fasc.] [Fasc. magna.]
- texicanum* Leuck., 1892b, 797, for *texanicum* (Dist.).
- thaumantiadis* Braun, 1889a, 357, for *thaumantiatis* (Cerc.).
- thaumantiadis* Pag., 1862, 298, for *thaumantiatis* (Cerc.).
- thaumantiatis* Græffe, 1860a, 49, t. h. *Thaumantias*.—1860: Cerc.
- thethydis* delle Chiaje, teste E. Bl., 1847a, 309.—Monost.

- thetidicola* Otto, 1823, 294, t. h. Thetis fimbria.—1823: Vertumnus (type). [1823: Phoenicurus varius.]
- thetycola* (delle Chiaje?), see Pag., 1862, 298.—Monost.
- thompsonii* Mueller, 1841, 147.—1841: Cyclocirra (? type).
- thunninae* Par. & Per., 1889, 742, t. h. Thynnus thunnina; Genova.—1889: Octocotyle. 1890: Octobothrium. 1896: Hexacotyle.
- thynni* Delaroche, 1811a, 271, t. h. Scomber thynnus; Maroque.—1811: Polyst. [1815: Hexost., type.] 1828: Hexacotyla (type). 1840: Hexacotyle (type). [1850: Plagiopeltis duplicata, type]. 1890: Exacotyle. 1891: Plagiopeltis.
- thynni* Tasch., 1879, 612 (Monost. bipartitum, renamed), t. h. Thynnus vulgaris.—1879: Didymozoon, type. [1902: Didymocystis reniformis, type].
- thynni* Par. & Per., 1891, 19, [lapsus for thunninae?].—1891: Octocotyle.
- tinca* Modeer, 1790, 127, t. h. Cyprinus tinca.—1790: Fasc. 1809: Dist. [1809: D. globiporum]. [1850: D. perlatum.]
- tobiani* Krøyer, 1846–53a, 592, t. h. Ammodytes tobianus.—1846–53: Dist.
- todari* delle Chiaje, 1841, 139.—1841: Dist.
- todari* delle Chiaje, see Par., 1894, 168, in Ommastrephes todarus; Naples.—Monost.
- tornatum* Rud., 1819a, 684, t. h. Coryphaena equiselis, C. hippuris.—1819: Dist. 1845: D. (Apoblema). 1889: Apoblema. 1899: Hemirus. 1901: Lecithocladium.
- torosum* Setti, 1897, 4, t. h. Squalus sp.; Massaua.—1897: Otiotrema (type). 1903: Dist.
- torpedinis* Chatin, 1874a, 11, t. h. Torpedo marmorata; Mediterranean.—1874: Amphibdella (type). 1890: Tetraonchus.
- torulosum* Rud., 1814a, 104, t. h. Silurus glanis; Greifswald.—1814: Dist.
- torva* Mueller, 1774, 62, in aquis.—1774: Fasc. 1776: Planaria.
- totari* E. Bl., 1847a, 309, for todari (Dist.).
- totari* E. Bl., 1847a, 309, for todari (Monost.).
- trachea* Montagu, 1811, 194, t. h. poultry, Gallus gallus.—1811: Fasc. 1819: Dist. [Syngamus trachealis, a nematode].
- tracheicola* Braun, 1901, 943, t. h. Anas fusca; Vienna, Austria.—1901: Orchipedium (type).
- trachini* Par. & Perugia, 1889, 744, t. h. Trachinus radiatus; Genova.—1889: Microcotyle.
- trachuri* Ben. & Hesse, 1863, 1864, 118, t. h. Caranx trachurus.—1863: Gastrocotyle (type).
- trachuri* Par. & Perugia, 1890, 11, t. h. Caranx trachurus; Genoa.—1890: Pseudaxine (type).
- translucida* Staff., 1902, 413, t. h. Bufo lentiginosus, Rana virescens; America.—1902: Gorgodera. 1905: Gorgoderina.
- transversalis* Rud., 1802, 69, t. h. Cobitis fossilis; Berlin, Germany.—1802: Fasc. 1809: Dist. 1901: Allocreadium.
- trapezium* Leidy, 1891a, 414, t. h. Pandion carolinensis.—1890: Dist.
- tremellaris* Mueller, 1774, 72, in mare Balthico, Hafniam alluente.—1774: Fasc. 1776: Planaria.
- tremoctopodis* Kœlliker, 1849e, 67.—1849: Hectocotylus. [1849: ♂ of Tremoctopus.]
- triangulare* Johnston, 1904, 108, t. h. Dacelo gigas.—1904: Hemist.
- triangulare* Dies., 1850a, 351, t. h. Merops apiaster.—1850: Dist. 1899: Megacetes (type). 1901: Plagiorchis. 1900: Eumegacetes (type).
- triangulare* Dies. of Looss, see emendatus Braun.—1899: Megacetes (type). [1900: Eumegacetes, type].
- triangulare* Johnston, 1904, 108, t. h. Dacelo gigas.—1904: Hemist.
- triangularis* Goto, 1894a, 200, t. h. Acanthias schlegelii; Misaki, Japan.—1894: Axine.
- tricaudata* Schrank, 1803, 86.—1803: Cerc.
- tricolor* Stiles & Hass., 1894, 729, t. h. Lepus sylvaticus, L. americanus; Maryland.—1894: Dist.
- trifolium* Braun, 1901, 947, t. h. Ardea coicoides; Brazil.—1901: Dist.
- triganocephalum* Kampmann, 1894b, 454, misprint for trigonocephalum (Dist.).
- triglæ* Ben. & Hesse, 1863; 1864, 92, t. h. Trigla.—1863: Udonella.
- triglæ* Ben. & Hesse, 1863, 117; 1864, 117, t. h. Trigla hirundo.—1863: Axine.

- triglæ* Ben., 1870, 30, t. h. *Trigla hirundo*; Belgium.—1870: *Gasterost.*
- triglæ* Rud., 1819a, 122, t. h. *Trigla cuculus*; C. E. V.—1819: *Dist.*
- triglæ gurnardi* Rathke, 1799, 68, t. h. *Trigla gurnadus*.—1799: *Dist.* [D. soleæforme.]
- triglæ pini* Dies., 1855, 64, t. h. *Trigla pini*.—1855: *Dist.* [1858: *D. homoeostomum.*]
- trigonocephala* Rud., 1802b, 87, F. melis Schrank, renamed, t. h. Schweinigel.—1802: *Fasc.* 1809: *Dist.* (Echinost.). [1828: type of *festucaire.*] 1860: *Echinost.*
- trigonocephalum* Rud., 1809a, 336, t. h. *Testudo mydas*; Europe.—1809: *Monost.* (Monost.) 1901: *Pleurogonimus.*
- trigonocephalum* Rud. of Looss, 1899b, 666, renamed *obliquus* 1901.—1899: *Pronocephalus* (type, see *obliquus*).
- trigonocerca* Dies., 1858d, 259, C. limacis Moul., t. h. *Limax cinereus*, L. (*Arion*) *rufus*; Geneva.—1858: *Cerc.* (*Acanthocephala*).
- trigonostoma* Wagener, 1857, 90, t. h. *Cyprinus rutilus*.—1857: *Dactylogyrus.*
- triloba* Fil., 1857c, 3, t. h. *Planorbis carinatus*, *Lymnæus stagnalis*; Turin.—1857: *Cerc.* 1858: *C.* (*Acanthocephala*).
- trilobum* Rud., 1819a, 104, t. h. *Pelecanus carbo*; Mus. Vien.—1819: *Dist.* 1850: *Hemist.*
- tringæ* Brand., 1892, 507, t. h. *Tringa variabilis*; Sinai.—1892: *Monost.* [1902: *Cyclocoelum.*] 1902: *Hæmatotrophus.*
- tringæ helveticæ* Rud., 1819a, 120, t. h. *Tringa helvetica*; C. E. V.—1819: *Dist.* [1850: *D. cinctum.*]
- tripes* Bosc, 1802a, v. 3, 227, see also *tripos* (Cerc.).
- tripos* Mueller, 1776, 206, in *aqua marina*.—1776: *Cerc.* 1827: *Ceratum.*
- tripunctata* Erc., 1881e, 23, t. h. *Planorbis corneus*; Italy.—1881: *Cerc.*
- tripus* Gmelin, 1790a, 3892, for *tripos* (Cerc.).
- triserialis* Dies., 1839a, 234, t. h. *Anas anser dom. et ferus*, etc.; Europe.—1839: *Notocotylus* (type). 1840: *Nocotylus.* 1850: *Notocotyle* (type). 1860: *Monost.*
- truncatum* Perroncito, 1882, 248, for *truncatum* (Dist). [Ercolani.]
- truitta* Bosc, 1802a, 274, for *truttæ* (Fasc.).
- truncata* Mueller, 1806, 35, t. h. *Perca lucioperca*.—1806: *Fasc.* 1814: *Dist.*
- truncata* Dies., 1850a, 422, *Octostoma scombræ* renamed, t. h. *Scomber scombrus*; Rhedoni.—1850: *Octocotyle.* 1858: *Octoplectanum.* 1879: *Octobothrium.*
- truncata* Goto, 1894a, 191, t. h. *Pristipoma japonicum*; Japan.—1894: *Microcotyle.*
- truncata* Bosc, 1802a, 262.—1802: *Planaria.*
- truncata* Leidy, 1851b, in 224–227, free form; Newark, Del.—1857: *Planaria.*
- truncatum* Rud., 1819a, 91, t. h. *Phoca vitulina*; Europe, Berlin, Vratislaviæ.—1819: *Amphist.* 1886: *Dist.* 1896: *Opisthorchis.* 1899: *Metorchis.*
- truncatum* F. S. Leuck., 1842, 34, t. h. *Sorex fodiens*.—1842: *Dist.*
- truncatum* Erc., 1859a, 382, t. h. *Canis familiaris*; Italy.—1859: *Dist.* [D. *truncatum* (Rud.).]
- trunkatum* Schneidemuehl, 1896, 303, for *truncatum* (Amphist.).
- truttæ* Moul. of Dies., 1858, 356.—1858: *Dist.*
- truttæ* Froelich, 1789, 126, t. h. *Salmo trutta*; Europe.—1789: *Fasc.* [1809: *Dist. laureatum.*]
- truttæ (intestinalis)* Röederer, 1762, 537, t. h. forelle.—1762: *Fasc.* [1810: *Ligula nodosa.*] [1809: ?*Echinorhynchus fusiformis.*] [1905: *Echinorhynchus.*]
- tuba* Linst., 1878, 228, t. h. *Squalius leuciscus*.—1878: *Dactylogyrus.*
- tuba* Braun (1805), 49.—1805: *Hirudo.* [1809: *Amphist. subclavatum.*]
- tubarium* Rud., 1819a, 111, t. h. *Sciæna umbra*; Spezia.—1819: *Dist.*
- tuberculata* Fil., 1857c, 8, t. h. *Paludina impura*.—1857: *Cerc.* 1858: *C.* (*Gymnocephala*).
- tuberculatum* Cobbold, 1875n, 819, t. h. *ox*; India.—1875: *Amphist.*
- tubiporum* Dies., 1836a, 14, t. h. *Trigla hirundo*.—1835: *Trist.* 1840: *Capsala.* [1850: *Trochopus longipes*, type.] 1864: *Trochopus* (type).
- tubiporum* Braun, 1900, 388, t. h. *Vespertilio* sp.—1900: *Dist.*
- tubulatum* Rud., 1819a, 675, t. h. *Muræna* sp.; Brazil.—1819: *Dist.*
- tumbesiana* Wacke, 1903, 1.—1903: *Temnocephala.*

- tumidulum* Rud., 1819a, 95, t. h. *Syngnathus hippocampus*; Vienna.—1819: Dist. 1901: Allocreadium.
- turbo* Mueller, 1786, 123, in aqua rivulari cum *Lemna rarior*.—1786: Cerc. [1827: *Urocentrum*, type.]
- turdi* Rud., 1819a, 120, t. h. *Turdus saxatilis*; C. E. V.—1819: Dist. [1850: D. mesostomum; D. nephrocephalum.]
- turgidum* Brand., 1888, 247, t. h. *Rana esculenta*.—1888: Dist. 1899: Brandesia (type).
- tursionis* Marchi, 1872, 304, t. h. *Delphinus tursio*, int.—1872: Dist. 1896: D. (Dicrocoelium). [D. (Dicrocoelium) longissimum Poir.]
- tynni* Crety, 1892c, 399, for *thynni* (Exacotyle).
- typica* Dies., 1858e, 366, t. h. see p. 369; Europe.—1858: Tetracotyle (type). [typus, reptile, Bucephalus.]
- umblæ* Fabricius, 1780a, 329, t. h. *Salmo umbla*; Greenland.—1780: Fasc. 1803: Dist. [1809: D. seriale.]
- umbonatum* Odhn., 1902, 21, t. h. Krokodil; Nile.—1902: Echinost.
- umbrina* Stoss., 1885, 159, t. h. *Umbrina cirrhosa*; Triest.—1885: Dist. 1905: Allocreadium. 1886: D. (Brachylaimus).
- unciforme* Rud., 1819a, 674, t. h. *Oriolus cristatus*; Brazil.—1819: Amphist. 1850: Holost.
- uncinata* Dies., 1850a, 412, lapsus for *uncinulata*.—1850: Fasc. [1850: Polyst. integririmum.]
- uncinatum* Macé (1880).—1880: Polyst.
- uncinatum* Zed., 1803a, 221, t. h. *Fulica chloropus*.—1803: Dist. 1809: D. (Echinost.). 1860: Echinost. [1892: E. cinctum.]
- uncinatum* Mont., 1889, 117, t. h. ?*Pleuronectes*; Coll. Leuck.—1889: Trist.
- uncinatus* Wagener, 1857, pl. 13, fig. 2, t. h. *Perca fluviatilis*.—1857: Dactylogyrus.
- uncinulata* Braun, 1790, 58, t. h. *Rana esculenta*; Germany.—1790: Planaria. 1790: Fasc. [1800: Polyst. ranæ, type.] [1850: Polyst. integririmum.]
- uncinulatum* Macé in Braun, 1890a, 418, for *uncinatum* (Polyst.).
- undulatus* Looss, 1899, 594, t. h. *Thalassochelys corticata*; Abukir.—1899: Cymato-carpus (type).
- unguiculatus* Mont., 1888, 90, for *unguiculatus* *Tetraonchus* (Dactylogyrus).
- unguiculatum* Rud., 1819a, 91, t. h. *Triton palustris*; Berlin, Germany.—1819: Amphist. 1836: Diplodiscus.
- unguiculatus* Wagener, 1857, 61.—1857: Dactylogyrus. 1858: *Tetraonchus*.
- unicum* Mol., 1859, 835, t. h. *Centrolophus pompilius*; Padua.—1859: Dist. 1886: D. (Podocotyle).
- unicum* Odhn., 1902, 66, t. h. *Serranus* sp.; Sinai, Red Sea.—1902: Phyllodist.
- unicum* Looss, 1896b, 44, renamed *reniferum*; t. h. *Trionyx nilotica*; Egypt.—1896: Dist. 1899: *Astia* (type).
- unionicola* Graff, 1904, 457, t. h. *Muscheln*.—1904: Planaria.
- upupæ* Schrank, 1790, 123, t. h. *Upupa epops*, rectum.—1790: Fasc. [1809: Dist. involutum.]
- urcatum* Luehe, 1900, 489, misprint for *furcatum* (Dist.).
- urna* Looss, 1907, 485, t. h. *Vesperugo kuhli*; Cairo, Egypt.—1907: *Lecithodendrium*.
- urniceps* Schlotthauber, 1860, 129, t. h. *Falco pygargus*.—1860: Holost.
- urnigerum* Rud., 1819a, 89, t. h. *Rana esculenta*; Mus. Vien.—1819: Amphist. 1845: Holost. [1850: *Codoncephalus mutabilis*, type.]
- urocotyle* Par., 1899, 6, t. h. *Scorpæna scrofa*; Portoferraio.—1899: Pleorchis. 1905: Derogenes.
- vagans* Leidy, 1850, 304, t. h. *Helix alternata*, H. *albolabris*; D. *helicis* renamed.—1850: Dist. 1855: *Cercariaeum*.
- vaginatum* Brand., 1888a, 64, t. h. *Cathartes* sp.; Brazil.—1888: Holost.
- valdeinflatum* Stoss., 1883, 114, t. h. *Gobius jozo*; Triest.—1883: Dist. 1886: D. (Echinost.) 1898: Agamodist. [1899: *Stephanost. cesticillus*.]
- valdemflatum* Nicoll, 1907, 69, for *valdeinflatum* (Dist.).

- validum* Linst., 1886, 124, t. h. *Delphinus* sp.; South Atlantic.—1886: Dist. 1892: D. (*Brachylaimus*).
- vallei* Stoss., 1896, 129, t. h. *Falco subbuteo*.—1896: Dist.
- vallei* Stoss., 1899, 3, t. h. *Thalassochelys caretta*; Corfu.—1899: *Aspidogaster*. [1901: *Lophotaspis adherens*.] 1902: *Lophotaspis*, type. 1902: Amphist., probably lapsus.
- vallei* Par. & Per., 1895, 3, t. h. *Naucrates ductor*; Genova.—1895: *Placunella*. 1903: *Ancyrocotyle* (type).
- van benedeni* St. Remy, 1898, 567, for *van benedenii* (*Dactylogyrus*).
- van benedenii* Par. & Per., 1890, 96–97, t. h. *Mugil auratus*.—1890: *Tetraonchus*.
- van benedenii* Par. & Per., 1895, 2, t. h. *Mugil auratus*; Triest.—1895: *Dactylogyrus*. See also *benedenii*.
- vanelli* Rud., 1819a, 87, t. h. *Tringa vanellus*; Mus. Vien.—1819: Monost. [1850: *M. mutabile*.]
- variabile* Leidy, 1856, 44, t. h. *Tropidonotus sipedon*.—1856: Dist. 1903: Renifer.
- variabile* Nitzsch, 1819, 400, includes *macrocephalum* Rud., t. h. owls; Germany.—1819: Holost. (type). 1860: Monost.
- varica* Mueller, 1784, 93, t. h. *Salmo salar*, stomach.—1784: Fasc. 1803: Dist. 1886: D. (*Brachylaimus*). 1899: *Hemiurus*. 1901: *Derogenes*.
- varicans* Abildg., 1794, 89, in aqua rivulari.—1794: Cerc. 1850: Cheilost. (type).
- variegatum* Crep., 1825a, 38, t. h. *Larus marinus*; Greifswald.—1825: Amphist. 1845: Holost.
- variegatum* Rud., 1819a, 99, t. h. *Rana esculenta*; Berlin.—1819: Dist. 1845: D. (*Brachylaimus*). 1847: *Brachylæmus*. 1850: *Brachylemus*. 1899: *Hæmatolæchus* (type). 1902: *Pneumonæces* (type).
- variegatum* Looss, 1892, 93, misprint for *variegatum* (Dist.).
- variolaris* Fuhrmann, 1904, 59, t. h. *Rostrhamus sociabilis*; South America.—1904: *Bothriogaster* (type).
- [*variolosus* Gärtner (Dist.), a tunicate.]
- varioplexus* Staff., 1902, 901, t. h. *Rana catesbiana*; Canada.—1902: *Hæmatolæchus*. 1905: *Pneumonæces*.
- varium* Eysenhardt, 1829, 148, t. h. *Gadus merluccius*.—1829: Dist.
- varsoviensis* Ssinitzin, 1905, 36, t. h. frogs; Warschau.—1905: *Gorgodera*. 1906: Cerc.
- velella* Fil., 1843, 66, see Dies., 1850a, 379, t. h. *Velella spirans*; Naples.—1843: Dist. [1850: D. *megacotyle*.]
- velella* Graff, 1904, 456.—1904: Plan.
- veliporum* Johnston, 1902, 329, misprint for *veliporum* (Dist.).
- veliporum* Crep., 1837a, 310, t. h. *Squalus griseus*.—1837: Dist. 1886: D. (*Cladocœlium*). 1904: Otodist. (type).
- venarum* Treutler, 1793, iv, 23, t. h. *Homo*.—1793: *Hexathyridium*. 1803: Fasc. 1803: Polyst. 1828: *Hexathyridium*. 1836: Polyst. (*Hexast.*). 1850: *Hexacotyle*. [Hexast.] [1840: *Linguatula*.]
- ventricolum* Rud., 1809a, 334, misprint for *ventricosum* (Monost.).
- ventricosa* Rud., 1802, 20, t. h. *Nachtigall*; Greifswald.—1802: *Festucaria*. 1809: Monost. (Monost.).
- ventricosa* Bosc., 1802a, 257.—1802: *Planaria*.
- ventricosa* Pallas, 1774, 17, host not given; Amboyna.—1774: Fasc. 1853: *Hirudinella*. 1893: Dist.
- ventricosum* Rud., 1819a, 108, t. h. *Clupea alosa*; Arimini.—1819: Dist. 1886: D. (*Apoblema*). 1893: *Apoblema*.
- ventricosum* Stoss., 1898, 29, t. h. *Alausa finta*; Triest.—1898: Dist. [1898: *Apoblema ocreatum* Rud.]
- ventricosum* var. *minor* Shipley, 1900, 540, t. h. *Pimelepterus* sp.; New Britain.—1900: Dist.
- vereticolle lucii* Rud., 1809a, 400, lapsus for *tereticolle lucii* (Dist.).
- vermicularis* Mueller, 1786, 133, in aqua ubi *Lemna* vegetat.—1786: Cerc. 1827: *Dicranophorus*.
- verrilli* Goto, 1899a, 283, t. h. a skate (*Raja*); Cape Cod.—1899: *Acanthocotyle*.

- verrucosum* Mont., 1892, 40, for *verrucosum* (Notocotyle).
- verrucosa* Frölich, 1789, 112, t. h. domesticated geese.—1789: Fasc. 1800: Monost. 1809: Monost. (Monost.). [1839: *Notocotylus triserialis*.] 1892: Notocotyle. 1905: *Catatropis* (type).
- verrucosum* Busch, 1851, 100, t. h. *Ophidium barbatum*.—1851: Dist. 1886: D. (Crossodera).
- verrucosum* Mol., 1859, 842, t. h. *Labrax lupus*; Rennes, Padua.—1859: Dist. 1886: D. (Dicrocoelium).
- verrucosum* Poir., 1885, 10, t. h. *Thynnus*.—1885: Dist.
- verrucosum* Lint., 1892, 96, t. h. *Larus californicus*.—1892: Dist.
- verrucosa* Odhn. LV, 1902, 63, for *verrucosum* (Notocotyle).
- vesicata* Uličný, 1878, 211, t. h. *Cyclas rivicola*; Mähren.—1878: Cerc. [1894: *C. macrocerca*.]
- vesiculifera* Dies., 1855a, 389, *C. vesiculosa* Fil., renamed.—1855: Cerc. 1855: *C. (Xiphidiocerc.)*. 1858: *C. (Acanthocephala)*.
- vesiculosa* Dies., 1850a, 295, Cerc. I Baer, renamed; t. h. *Paludina vivipara*; Regiomontii.—1850: Cerc. 1855: *C. (Eucerc.)*. 1858: *C. (Acanthocephala)*.
- vesiculosa* of Fil., 1854a, 12, t. h. *Paludina vivipara*.—1854: Cerc. [1855: *C. (Xiphidiocerc.) vesiculifera*.]
- vespertilionis* Mueller, 1784, 95, t. h. *Vespertilio auritus*.—1784: Fasc. 1803: Dist. [—: Plan.] [1850: *D. lima*.] 1900: *Plagiorchis*.
- vespertilionis* Rud., 1819a, 87, t. h. *Vespertilio noctula*; Cat. Ent. Vienn.—1819: Monost.
- vetustum* Staff., 1904, 487, t. h. *Limanda ferruginea*; Woods Hole.—1904: *Stenakron* (type).
- vexans* Braun, 1901, 947, t. h. *Turdus merula*.—1901: Dist.
- vibex* Lint., 1900, 269, t. h. *Spheroides maculatus*.—1900: Dist.
- vicarium* Braun, 1901g, 896, t. h. *Ibis caerulescens*; Brazil.—1901: *Stomylotrema*.
- vicinus* Odhn., 1902, 24, t. h. *Nilkrokodil*; Sudan.—1902: *Acanthochasmus*.
- villoti* Mont., 1888, 194, *C. setifera* Mueller, of Villot, 1879, renamed, in *Scrobicularia tenuis*.—1888: Cerc.
- vinal-edwardsii* Lint., 1901, 416, t. h. *Opsanus tau*, *Orthopristis chrysopterus*; Beaufort, N. C.—1901: Monost.
- viperæ* Linst., 1877, 186, t. h. *Pelias berus*.—1877: Dist. 1895: *Agamodist*.
- viperæ* Ben., 1870, 26, t. h. *Trachinus vipera*; Belgium.—1870: *Gasterost*.
- virgula* Fil., 1837, 338, t. h. *Paludina impura*, *Valvata piscinalis*; Ticini, Italy.—1837: Dist. 1850: Cerc. 1855: *C. (Eucerc.)*. 1858: *C. (Acanthocephala)*. [1858: *D. maculosum*.]
- viridata* Bosc., 1802a, 258.—1802: Plan.
- viridis* Mueller, 1786, 126, in aquis fossarum stagnantibus primo vere.—1786: Cerc. 1815: *Furcocerca*. 1827: *Enchelys*.
- viridis* Bosc., 1802a, 256.—1802: Plan.
- viridis* Mueller, 1774, 59, in radicibus fucorum; Greenland.—1774: Fasc.
- vitellatum* Linst., 1875, 189, t. h. *Totanus hypoleucus*.—1875: Dist. 1901: *Plagiorchis*. 1892: *D. (Brachylaimus)*.
- vitellilobum* Olss., 1876, 14, t. h. *Rana temporaria*.—1876: Dist. 1889: D. (Dicrocoelium). 1902: *Gorgoderina*. 1906: *Gorgodera*. 1906: Cerc.
- vitellosum* Lint., 1900, 269, t. h. *Merluccius bilinearis*; Woods Holl.—1900: Dist. [vitreum Sars (Dist.), a tunicate.]
- vitrina* Linst., 1887, 105, t. h. *Zebrina detrita*; Frauenberg b. Sondershausen.—1887: Cerc.
- vitrinæ* Targioni Tozzetti, 1873, 335, in vitrine.—1873: Dist.
- vitta* Duj., 1845a, 418, t. h. *Mus musculus*; Rennes.—1845: Dist. (Brachylaimus).
- vivæ* Ben., 1870, 25, t. h. *Trachinus draco*; Belgium.—1870: *Gasterost*.
- vivax* Sons., 1892, Oct. 7, 137, t. h. *Cleopatra bulimoides*; Cairo, Egypt.—1892: Cerc.
- viverrini* Poir., 1886, 27, t. h. *Felis viverrinus*.—1886: Dist. 1892: D. (Dicrocoelium). 1896: *Opisthorchis*.

- vivipara* Ben., 1870, 28, t. h. *Mugil chelo*; Belgium.—1870: Dist.
- viviparæ* Linst., 1877, 185, t. h. *Paludina vivipara*.—1877: Monost. 1892: Monostomulum.
- viviparæ fasciatæ* Linst., 1877b, 186, t. h. *Vivipara fasciata*.—1877: Dist.
- viviparum* Olss., 1868, 28, t. h. *Pleuronectes microcephalus*.—1868: Dist. 1886: D. (Echinost.). 1901: Zoogonus. 1902: Zoogonoides (type).
- vogtianum* Baudon, 1881, 145, t. h. *Succinea baudoni*.—1881: Leucochloridium.
- voluptarium* Braun, 1901, 945, t. h. *Falco* sp.—1901: Dicrocoelium.
- volvens* Nord., 1832, 28, t. h. *Gadus lota*, *Perca cernua*, *P. fluviatilis*, *P. lucioperca*.—1832: Diplost. (type). 1833: Dist. [1898: Hemist. spathaceum.]
- vulgaris* Cerf., 1899a, 375, t. h. *Mustela vulgaris*.—1899: Squalonchocotyie.
- vulpina* Abildg., 1790, 63.—1790: Dist. [Hemist. alatum.]
- vulpis* Gmelin, 1790a, 3053, t. h. *Canis vulpes*; Europe.—1790: Fasc. [1809: D. alatum.] [1850: Hemist. alatum.]
- vulpis* Schrank, 1788, 52, t. h. *Canis vulpes*; Germany; *Planaria alata vel dubia* Gœze, 1782a, 176, pl. 14, figs. 11–13, renamed.—1788: Alaria (type).
- wachnia* Rud., 1819a, 122, 427, t. h. *Gadus wachnia*.—1819: Dist. 1878: Trematodum.
- watsoni* Conyngham, 1904, Aug. 13, 464; Sept. 17, 663, t. h. *Homo*; in Zola (Nigeria), came from Adamawa, German West Africa.—1904: Amphist. 1905: Cladorchis.
- wedli* Ariola, 1902, 105, t. h. *Thynnus vulgaris*; Naples.—1902: Didymocystis.
- wedlii* Cobbold, 1860a, 18, t. h. *Rana esculenta*.—1860: Dist.
- wedlii* Cobbold, 1860a, 43, t. h. *Rhombus lævis*, *M. rhombi lævis* Wedl, renamed.—1860: Monost.
- westermani* Kerbert, 1881a, July, 529, for *westermanii*.—1881: Dist. 1891: Dist. 1899: Paragonimus (type). 1905: Paragonimus.
- westermanii* Kerbert, 1878a, 271, t. h. *Koenigstiger*.—1878: Dist. 1890: Mesogonimus. [1899: Paragonimus (type).] [1899: Polysarcus, type.] 1900: Paragonimus.
- westermanni* Leuck., 1889, 404, for *westermanii* Kerbert, 1878.—1889: Dist. 1890: Mesogonimus. 1891: Dist. 1898: Dist. (Mesogonimus). [1899: Paragonimus (type).] 1899: Polysarcus (type).
- westrumbii* Cobbold, 1860a, 45, Amphist. *sphærocephalum* Westrumb, renamed; t. h. *Coracina scutata*; Brazil.—1860: Holost.
- winogradoffi* Jaksch, 1897a, 219 for *sibiricum*, t. h. *Homo*.—1889: Dist.
- xanthostoma* var. *compascua* Kowal., 1898, 71, t. h. *Anas querquedula*.—1898: Opisthorchis.
- xanthosomum* Crep., 1846a, 138, t. h. *Colymbus septentrionalis*; Germany.—1846: Dist. 1898: Opisthorchis. 1902: Metorchis.
- zschokker* Volz, 1899, 231, t. h. *Heterodon platyrhinus*.—1899: Dist. 1903: Renifer. [For addenda, see p. 385.]

BIBLIOGRAPHY OF SUPERGENERIC, GENERIC, AND SPECIFIC NAMES USED IN TREMATODA AND OF DISEASES CAUSED BY TREMATODA.

The main portion of this index is made up of an alphabetical list of superspecific names used in connection with *Trematodá*. Under each generic or subgeneric name will be found a list of the species and subspecies which have been placed in the groups in question. The references following the technical names represent the places in literature which bear upon the technical names in question. Names of diseases caused by *Trematoda* are also inserted in this list.

In all cases possible, the type species ^a is mentioned for genera. In connection with the species, the hosts and locality, at least the type locality, are usually given.

(ACANTHOCEPHALA) Dies., 1858d, 253-255 (subg. of Cerc.) [not Acanthocephala Rud., 1808, worms, order; Acanthocephali Burm., 1837, worms, order; Acanthocephalus Kœlreuter, 1771, worms, genus; Acanthocephalos Gœze, 1782, for Acanthocephalus, 1771; Acanthocephala Laporte, 1832, hemipteron, genus; Acanthocephalus for Acanthocephala 1832], C. (Xiphidiocerc.), 1855, renamed, hence same type.^a

armata (Sieb., 1837) Dies., 1858d, 251-252 (larva of Dist. endolobum Duj. [Opisthioglyphe 1899, type]) (in Planorbis corneus, Paludina impura, Lymnæus stagnalis).

brachyura (Dies., 1850) Dies., 1858d, 257 (in Planorbis submarginatus; Ticini; P. nitidus, P. vortex).

buccini mutabilis (Fil., 1855) Dies., 1858d, 266 (in Buccinum (Nassa) mutabile; Genoa).

chlorotica (Dies., 1850) Dies., 1858d, 252-253 (syn. Cerc. (Eucerc.) chlorotica Dies.) (in Paludina vivipara).

gibba (Fil., 1854) Dies., 1858d, 257 (in Lymnæus pereger; Turin).

linearis (Lespès, 1857) Dies., 1858d, 258 (in Litorina litorea).

macrocerca (Fil., 1854) Dies., 1858d, 255 (larva of Dist. cygnoides Zed.) (in Cyclas cornea; Turin); 1858e, 334 (syn. of Dist. cygnoides; [type of Gorgodera, 1899]).

micracantha Dies., 1858d, 259-260 (syn. Cerc. armata Fil., 1855b) (in Lymnæus palustris, Triton punctatus).

microcotyla (Fil., 1854) Dies., 1858d, 253 (syn. C. pugnax La Valette) (in Paludina achatina, Lombardia; P. vivipara) (larva of Dist. tetracystis [type of Cystagora 1905]); 1858e, 348 (syn. of Dist. tetracystis).

micrura (Fil., 1857) Dies., 1858d, 258 (in Paludina vivipara; Turin). See globiporum type of Sphærost.

ornata (La Valette, 1855) Dies., 1858d, 244, 255-256 (larva of Dist. clavigerum Rud. [type of Pleurogenes, 1899]) (in Planorbis corneus, Berlin; Hydrachna concharum, Heidelberg); 1858e, 338 (syn. of Dist. clavigerum).

pachycerca Dies., 1858d, 257-258 (syn. Cerc. brachyura Lespès) (in Trochus cinereus; Francogalliæ).

^a See p. 385, Addenda.

(ACANTHOCEPHALA)—Continued.

- planorbis carinati* (Fil., 1857) Dies., 1858d, 266 (in *Planorbis carinatus*; Turin).
subulo (Pag., 1857) Dies., 1858d, 256–257 (in *Paludina vivipara*; Heidelberg).
trigonocerca Dies., 1858d, 259 (syn. *Cerc. limacis* Moul.) (in *Limax cinereus*, L. (Arion) rufus; Geneva).
triloba (Fil., 1857) Dies., 1858d, 252 (in *Lymnæus stagnalis*, *Planorbis carinatus*).
vesiculifera (Dies., 1855) Dies., 1858d, 254–255 (syns. *Cerc. vesiculosa* Fil., C. (*Xiphidiocerca*) *vesiculifera* Dies., C. *microcotyla* Fil.) (in *Paludina vivipara*, P. *achatinæ*).
vesiculosa (Dies., 1850) Dies., 1858d, 254 (in *Paludina vivipara*; Regiomontii, Berlin, Heidelberg).
virgula (Fil., 1837) Dies., 1858d, 260 (larva of *Dist. maculosum* Rud.) (in *Valvata piscinalis*, *Paludina impura*).

- ACANTHOCHASMUS Looss, 1900d, Dec. 3, 603, *Acanthostomum* Looss, 1899 [not *Acanthostoma* Kriechbaumer, 1895, insect] renamed, hence type *spiniceps*; *χαμῆδοιαι*, den Rachen offen haben; 1901e, 595, 629, 634, 659; 1901f; 1902g; 1902m, 441, 780, 808, 838.—Braun, 1901b, 34, 35, 36; 1902b, 30.—Odhn., 1902, 23, 25, 37; 1902, 159.—Pratt, 1902a, 888, 894 (key).
absconditus Looss, 1901e, 631–632, fig. 8 (intest. of *Bagrus bayad*, B. *docmac*).
coronarius (Cobbold, 1861) Braun, 1901b, 35, 36.—Odhn., 1902, 25 (in alligator).
imbutiformis (Mol., 1859, partim) Looss, 1901e, 632–633, 634, fig. 9 (intest. of *Labrax lupus*, *Dentex vulgaris*; Egyptian coast and Trieste).—Odhn., 1902, 25.
præteritus Looss, 1901e, 633–634, fig. 10 (first half of intest. of *Labrax lupus*, *Chrysophrys aurata*, *Corvina nigra*; Trieste and Egyptian coast).
productus Odhn., 1902, 24, 25 (in Nilkrokodil; Sudan).
scyphocephalus (Braun, 1899) Braun, 1901b, 35, fig. 14.—Odhn., 1902, 25.
spiniceps (Looss, 1896) Looss, 1901e, May 4, 629–631, fig. 7 (intest. of *Bagrus bayad*, B. *docmac*).—Braun, 1901a, 35, 36.—Odhn., 1902, 25.
vicinus Odhn., 1902, 24–25 (in Nilkrokodil; Sudan).

ACANTHOCOTILE Par. & Perugia, 1890, 11, 13, for *Acanthocotyle*.

- ACANTHOCOTYLE Mont., 1888a, 7, 10, 11, 13, 16, 20, 30, 34, 35, 36, 37, 42, 43, 52, 55, 56, 57, 58, 59, 60, 66, 67 (*Achantocotyle*), 87 (m. *lobianchi*), 97 (in “subf.” *Tristomidae*, key); 1890, 189, 190, 208, figs. 1–5, pl. 8; 1891, 104, 106, 107, 111, 116; 1892, Oct. 7, 180, 213 (g. of *Tristominæ*); 1899a, 75–120, pls. 1–3; 1905, 71, 72, 73, 74, 75.—Braun, 1890a, 411, 412, 488, 523, 526, 529 (diagnosis); 1891d, 422; 1893a, 889.—Gamb., 1896a, 73.—Goto, 1899a, 283.—Massa, 1906, 45, 48.—Pratt, 1900a, 646, 649 (key), 655, fig. 10, 659.—Scott, 1902, 300, 301.
 1888: *Achantocotyle* Mont., 1888, 67, misprint.
 1900: *Acanthocotile* Par. & Perugia, 1890, 11, 13.
 1902: *Acanthocotyle* Scott, 1902, 301, for *Acanthocotyle*.

concinna Scott, 1902, 301, no host given.

elegans Mont., 1890, 191, fig. 3 (on *Raja clavata*; Naples); 1899, 76, 77, 78, 79, 80, 81, 82, 85, 87, 88, 91, 93, 97, 99, 100, 101, 106, 107, 108, 110, 113–115, pl. 1, figs. 7, 8, pl. 2, figs. 13, 17, 19, 23, 25b, 28, 29, 32, pl. 3, figs. 44, 45; 1891, 107; 1899, 108; 1905, 73, 74, 75.—Braun, 1890a, 529, 547, 551.—Scott, 1902, 301.

lobianchi Mont., 1888a, 7, 13, 15, 16, 19, 22, 23, 26, 29, 31, 34, 56, 87 (on *Raja clavata*); 1890, 190; 1891, 102, 104 (*lobianchii*), 107, 116, 120, 130, pl. 5, figs. 9–10, pl. 6, figs. 36–39; 1893, 20; 1899, 108.—Braun, 1890a, 529, 547 (Naples), 551.

lobianchii Mont., 1891, 104, for *lobianchi*.

lobianchoi Goto, 1899a, 285, for *lobianchi*.

lobiancoi Mont., 1899, 75 (for *lobianchi*), 76, 77, 78, 80, 81, 83, 84, 85, 87, 89, 91, 94, 97, 100, 101, 106, 107, 108, 111–113, 116, 117, pl. 1, figs. 1, 3, 4, 5, 6, 10, pl. 2, figs. 11, 15, 16, 18, 21, 22, 25, 26, 31, 33, pl. 3, figs. 34–43, 46, 47, 49–58; 1905, 72, 73, 74.—Scott, 1902, 300.

monticelli Mont., 1905, 74, for *monticellii*.

monticellii Scott, 1902, 300–302, pl. 13, figs. 31–33 (in *Raja clavata*; Aberdeen, Scotland); 1905, 117.—Mont., 1905, 74, 75 (*monticelli*), figs. 4–5.

ACANTHOCOTYLE—Continued.

oligoterus Mont., 1899, 76, 77, 78, 80, 81, 84, 85, 87, 91, 100, 101, 105, 106, 107, 108, 111, 115–117, pl. 1, figs. 2, 9, pl. 2, figs. 12, 14, 20, 24, 25c, 27, 29, pl. 3, figs. 48 (on *Raja clavata*; Naples); 1905, 73, 74, 75 (in *R. punctata*).—Goto, 1899a, 283.—Scott, 1902, 301.

verilli Goto, 1899a, 283–286, pl. 21, figs. 25–26 (on a skate, *Raja*; Cape Cod).—Mont., 1905, 71–75.—Pratt, 1900a, 655, fig. 10, 657, 659 (key).—Scott, 1902, 302.—Staff., 1904, May 3, 482 (on *Raja radiata* Donovan; Canada).

ACANTHOCOTYLEA Dies., 1850a, 649, subtribe of Monocotylea.

ACANTHOCOTYLINÆ Mont., 1903, 335 (subf. of Tristomidæ).

ACANTHONCHOCOTYLE Cerf., 1899a, 347, 373, 402, 420, 436, 445, 446, 451, 455 [type by inclusion *appendiculata*].—Mont., 1903, 336 (syn. of Onchocotyle).

appendiculata (Kuhn, 1829) Cerf., 1899a, 374, 379, 382, 461–462, pl. 19, figs. 6, 14a (in *Scyllium catulus* Cuv.; Roscoff).—Type of Onchocotyle 1850.

canicula Cerf., 1899a, 374, 379, 382, 402, 462, pl. 19, figs. 5, 13, 14b.c. (syn. Onchocotyle *appendiculata* Kuhn of Stoss., 1887) (in *Scyllium canicula*).

ACANTHOPSOLUS Odhn., 1905, 328–331 (m. *oculatus*).

oculatus (Levin., 1881) Odhn., 1905, 328–331, pl. 2, fig. 11 (in *Lycodes pallidus* in East Greenland; *Cottus scorpius*, west coast of Sweden).

ACANTHOSTOMUM Looss, 1899b, 575, 577–579 (tod. *spiniceps*), 578, [not *Acanthostoma* Kriechbaumer, 1895, insect], ἡ ἄκανθα, spine; 1900d, 603 (renamed *Acanthochasmus*); 1901e, 595.—Braun, 1901b, 34, 56; 1901i, 56.—Stiles, 1901, 189.

coronarum (Cobbold, 1861) Looss, 1899b, 578, 582.

spiniceps (Looss, 1896) Looss, 1899b, 578, 582.

ACANTHOCOTYLE Scott, 1902, 301, for *Acanthocotyle*.

ACCACÆLIUM Mont., 1893, 135 (contortum); subg. of Dist.—Raised to generic rank by Looss, 1899b, 631–632 (contortum as type); 1902, 839, 504.—Braun, 1901b, 27, 34, 37, 38.—Darr, 1902a, 698.—Luehe, 1900u, 487; 1901n, 481, 482–483, 485.—Odhn., 1905, 363.—Ofenheim, 1900, 183.—Pratt, 1902a, 889, 904 (key).

1893: Dist. (*Accacælium*) Mont., 1893, 135, q. v.

1894: *Accacælium* Zool. Record (1893) 1894, Vermes, 49.

calyptrocotyle (Mont., 1891) [Luehe, 1900u, 487].—To *Orophocotyle* in 1902.

contortum (Rud., 1819) Looss, 1899b, 632.—Darr, 1902a, 698.—Luehe, 1901n, 482, 483, 485.—Staff., 1904, 487 (Canada).

foliatum (Lint., 1898) Staff., 1904, 487 (*Mola mola*; Canada).

macrocotyle (Dies., 1858) Luehe, 1901n, 482.—Staff., 1904, 487 (*Mola mola*; Canada).

nigroflavum (Rud., 1819) Luehe, 1901n, 482, 483.—Looss, 1902, 639.—Staff., 1904, 487 (*Mola mola*; Canada).

[*pelagiæ* (Kœlliker, 1849), —, 1900.]

raynerianum (Nardo, 1827) Luehe, 1901n, 482, 483, 485.—Par., 1902, 6 (in *Luvarus imperialis*).

ACCACÆLIUM Zool. Rec. (1893), 1894, Vermes, 49 (for *Accacælium*).

ACERCÆ Mont., 1888, 94 (group of Cerc. without tail).

ACHANTOCOTYLE Mont., 1888, 67 (for *Acanthocotyle*).

ACOTYLEA Dies., 1850a, 286, 293 (subtribe of *Dicranocœla*), 287, 304 (tribe of *Trematoda*).—Brand., 1888a, 12.—Burm., 1856a, 250.—Goldb., 1855, 15, 16.—Mol., 1861, 191.—Mont., 1888, 83, 84; 1891, 111.—Tasch., 1879, 233.

ACOTYLOCEPHALA Dies., 1858e, 314, 374 (f. of *Trematoda plectanophora*).—Ben. & Hesse, 1864a, 119 (syn. of *Gyrodactylidés*).—Mont., 1888, 84.

ACRODACTYLA Staff., 1904, May 3, 491 (m. *petalosa*) [not *Acrodactyla* Hal., ante 1846, hymenopteron], ἄκρος, end; δάκτυλος, finger.

petalosa (Lander, 1902) Staff., 1904, May 3, 491 (m. *Acipenser rubicundus* Le S.; Canada); includes Dist. *auriculatum* Wedl. of Lint.

ACTINODACTYLELLA Haswell, 1893f, Sept., 153–158, pl. 16, corrigendum (m. *blanchardi*), *Actinodactylus* Haswell, 1893 [not *Duchassaing*, 1890], renamed; 1894a, 256; (18—), 589–590.—Pratt, 1900a, 646, 648 (key).—St.-Remy, 1898, 522, 531.

1893: *Actinodactylus* Haswell, 1893d, 477 [not *Duchassaing*, 1890] [type *blanchardi*].

1899: *Actinodactynella* Mont., 1899, 81, type *haswelli*=*blanchardi*.

ACTINODACTYLELLA—Continued.

blanchardi Haswell, 1893f, 153–158, pl. 16, corrigendum (Engæus fossor; Gippsland, Victoria, Australia).—Pratt, 1900a, 655, fig. 1, 657.—St.-Remy, 1898, 531–532, fig. 2 (on Eng. fos.; Australia) (syn. *Actinodactylus* sp.; Haswell).

ACTINODACTYLIDÆ Haswell.—St.-Remy, 1898, 522.

ACTINODACTYLUS Haswell, 1893d, 477 [not Duchassaing, 1890]; 1893f, 153–158, corrigendum, pl. 16, renamed *Actinodactylella* Haswell.—Mont., 1899, 116.

ACTINODACTYNELLA Mont., 1899, 81, 86, 116, 117, 118, 119, 122 (type *haswelli* Mont., 1898=*blanchardi* Haswell, 1893, see *Actinodactylella*.)

blanchardi Haswell, 1893, teste Mont., 1899, 122.

haswelli Mont. (1898), 1899, 122 (in *Engæus* fossor; Australia, Gippsland, Victoria).

ACTINODACTYNELLINÆ Mont., 1899, 118, 121.—Pratt, 1900a, 646, 647 (key) (apparently for *Actinodactylellinæ*), subf. of *Temnocephalidæ*.

ADENOGASTER Looss, 1901l, Nov. 7, 620–621 (m. serialis); 1902m, 570, 583, 591, 601, 603, 609, 612, 615.—Pratt, 1902a, 890, 909 (key).

serialis Looss, 1901l, 620–621; 1902m, 545–548, pl. 26, figs. 71–74, 615, 875, pl. 26, figs. 71–74 (in *Thalassochelys corticata*; Alexandria, from Egyptian coast).

AGAMODISTOMA Rail., 1893a, 376 (for *Agamodistomum*, q. v.).

AGAMODISTOMUM Stoss., 1892, 4, 33–34 [collective group for immature forms, requires no type^a]; 1895, 33; 1895, 228–229; 1898, 58.—Mont., 1893, 154.—Stiles, 1898a, 28; 1904, 8, 11, 12, 13.—Stiles & Hass., 1898a, 82, 96; 1899, 117; 1900a, 559; 1902f, 360.

1892: *Distomulum* Brand., 1892b, Oct. 7, 510.

1893: *Agamodistoma* Rail., 1893a, 376.

anguis (Linst., 1885) Stoss., 1895, 229 (in *Anguis fragilis*).

capsulare (Dies., 1858) Stoss., 1892, 176 (in *Ardea cinerea*, *A. purpurea*, *Crex pratensis*, *Nycticorax griseus*, *Podiceps auratus*, *P. nigricollis*).

chimæra Ariola, 1899a, 8–10, pl. 5, fig. 7 (in *Chimæra monstrosa*; Genova, Italy); (1899) v. 10 (in 129–138); (—), 299.

celebs (Linst., 1875) Stoss., 1892, 176 (in *Fringilla celebs*; Ratzeburg).

gobii Stoss., 1898, 58–59 (encysted in *Gobius jazo*; Trieste).

martiranoi Stiles, 1903aa, 15 (in *Anopheles claviger*), based on Martirano, 1901d, 849–852, figs. 1–4 [see also Mart., 1901b, 1089–1091, figs. 1–4; 1901c, 274; 1902a, 73; 1902b, 358].

ophthalmobium (Dies., 1850) Stoss., 1892, 33 (in *Homo*).—Stiles, 1902s, 24, 29–34; 1903u, 223 (ophthalmothium); 1905cc, 54.—Ward, 1903, 866.

ophthalmothium Luehe in Stiles, 1903u, 223, for *ophthalmobium*.

pusillum (Braun, 1790) Stoss., 1892, 33 (in *Erinaceus europæus*; Greifswald; Rennes).

putorii (Mol., 1858) Stoss., 1892, 34 (in *Putorius communis*; Padova, Ratzeburg).

suis Stiles, 1898a, 22, 28, 29, 143, fig. 1 (in *Sus scrofa domestica*; Germany); Dist. musculorum suis Duncker, 1896, 279, renamed.—Kastenbaum, 1899, (214), fig. 33, 4.—[See also Braun, 1893a, 870.—Duncker, 1881, 23–25; 1881, 141; 1881, 154; 1884, 39–42; 1896, 279–282.—Leuck., 1881, 46.—Moulé, 1885, 60–62.—Schndmhl., 1896, 302.—Stiles & Hass., 1900a, 559–560, fig. 23; 1902f, 360; 1904, 22.]

valdeinflatum (Stoss., 1883) Stoss., 1898, 59 (in *Gobius jazo*; Trieste); “Rappresenta la larva dell’ *Echinostoma cesticillus* Molin.”—Barbagallo & Drago, 1903, 411 (in G. j.; Cantania).

viperæ (Linst., 1877) Stoss., 1895, 228 (in *Pelias berus*).

“ALAIRE”^b Blainv., 1824a, 518, ^b see “*Alaria* Blainv.” of Dies., 1850a.—Leblond, 1837a, 518, 59, pl. 14, fig. 15 (teste Dies., 1850a, 374).

“ALARIA Blainv.” of Dies., 1850a, 331 (for “*alaire*” [q. v.] Blainv., 1824a, 518, see Duj., 1845a, 437). See also *Alaria* Schrank.

^a See p. 385.

^b “Je propose de rétablir ce genre pour quelques espèces de fascioles cylindriques, avec une assez longue queue, et qui ont des espèces d’ailes de chaque côté du corps; j’en ai décrit une trouvée dans le pancréas du *Simia maimon* de Linné, à l’art. ‘fasciole’ du Dictionn. des sciences nat.”

This name being French, has no status in nomenclature.

ALARIA Schrank, 1788, 52 (m. *vulpis*) [not *Alaria* Dunc., 1841, lepidopteron; Morr. Lyc., 1850, mollusk].—Abildg., 1790, 63 (syn. of *Dist. vulpina*).—Brand., 1888a, 8.—Braun, 1893a, 884, 894, 902.—Dies., 1850a, 307 (syn. of *Hemist.*).—Encycl. méth., Par., v. 2, 20.—Knoch, 1862, 30.—Lamouroux, 1822a, 194. See also genera for which *alata* Goeze is type.

vulpis Schrank, 1788, 52 (*Planaria alata* vel *dubia* Goeze, 1782a, 176–177, pl. 14, figs. 11–13, from *Canis vulpes*, renamed).—Brand., 1888a, 60 (syn. of *Hemist. alatum*).—Dies., 1850a, 308 (syn. of *Hemist. alatum*; includes also *alata* Goeze as syn.).—Lamouroux, 1822a, 194.—Rud., 1809a, 402 (syn. of *Dist. alatum* Zed.).

ALLEGREADIINÆ Engler, 1904, 188, for *Allocreadiinae*.

ALLOCREADIIDÆ Stoss., 1904, 199.

ALLOCREADIINÆ Looss, 1902m, 841.—Odh., 1905, 323, 326, 328.—Stoss., 1902, 578; 1903, 373.

ALLOCREADIUM Looss, 1900d, Dec. 3, 602 (*Creadium* Looss, 1899 [not *Creadium* and *Creadion* Vieill., 1816, bird], renamed, hence type *isoporum*; *ἄλλος*, another; 1901b, 199; 1902m, 760, 785, 839.—Braun, 1902b, 26, 147, 148.—Odh., 1901, 483–520; 1905, 328.—Pratt, 1902a, 888, 897 (key).—Stoss., 1901, 95 (7); 1902, 578; 1903, 373; 1904, 199.

album (Stoss., 1890) Stoss., 1901, 95 (7); 1904, 199 (type of *Lepocreadium*).

angusticolle (Hausmann, 1896) Odh., 1901, 517.—Stoss., 1901, 96 (8).

asymphyloporum Stoss., 1901, 96 (in *Trutta trutta*; Lake Plitvica, Croatia).

atomon (Rud., 1802) Odh., 1901, 506–513, 516, pl. 33, figs. 9, 10; 1905, 320 (type of *Podocotyle*).—Stoss., 1902, 582.

commune (Olss., 1876) Odh., 1901, 499–503, 508, 516, 517, pl. 33, fig. 6; 1905, 327.—Stoss., 1902, 582.

fasciatum (Rud., 1819) Odh., 1901, 485–490, 492, 496, 516, pl. 33, fig. 1; 1902, 160.

genu (Rud., 1819) Odh., 1901, 485, 496–499, 500, 501, 502, 517, pl. 33, figs. 3–5; 1905, 327.

isoporum (Looss, 1894) Looss, [1900d, 602;] 1902m, 785.—Kowal., 1902d, 27 (9).—Odh., 1901, 505, 506, 516; 1905, 327.—Staff., 1904, May 3, 493 (in *Semotilus bullaris* Raf.; Canada).—Stoss., 1901, 93, 96 (in *Gobius fluviatilis*; Loitsch in *Carniola*).

labracis (Duj., 1845) Odh., 1901, 514–516, pl. 33, fig. 11; 1905, 327.

labri (Stoss., 1886) Odh., 1901, 490, 493–496, 516, pl. 33, fig. 2; 1902, 160.

obovatum (Mol., 1859) Stoss., 1901, 95–96 (7–8) (in *Chrysophrys aurata*; Trieste).

pegorchis Stoss., 1901, 94–95 (6–7), pl. 6, fig. 4 (*Mæna smaridis*; Trieste); 1904, 199.

sinuatum (Rud., 1819) Odh., 1901, 490–492, 516; 1902, 160.

transversale (Rud., 1802) Odh., 1901, 505–506, 516; 1905, 327.

tumidulum (Rud., 1819) Odh., 1901, 503–505, 516, pl. 33, figs. 7–8.

umbrinæ (Stoss., 1885) Odh., 1905, 327.

AMFISTOMIDI Sons., 1895, see *Amphistomidæ*.

AMPHIBDELLA Chatin, 1874a, 11–16 (m. *torpedinis*); 1875, —.—Braun, 1890a, 412, 417, 444, 468, 484, 512, 519, 523, 542, 545 (diagnosis; m. *torpedinis*).—Maclaren, 1904, 583, 598, 599, 600.—Mont., 1889, 116; 1903, 336 (syn. of *Tetraonchus*).—Pratt, 1900a, 646, 654 (key), 657, fig. 47.—St.-Remy, 1898, 524.—Stoss., 1898, 17.

torpedinis Chatin, 1874a, 11–16, pl. 2 (IX), figs. 13–14 (in *Torpedo marmorata*; Mediterranean).—Brand., 1894a, 307.—Braun, 1890a, 418, 426, 444, 452, 545, 549, 552 (Genoa; Trieste).—Maclaren, 1904, 587.—Mont., 1888, 93, 110; 1889, 116 (belongs to *Gyrodactylidæ*, *Tetraonchus*); 1890, 193–195 (on *Torpedo narce*, T. mar.); 1905, 79.—Par., 1894, 138, 578.—Par. & Perugia, 1890, 8; 1890, 363–367; 1890, Sept. 5, 335–336.—Pratt, 1900a, 657, fig. 47.—Stoss., 1898, 17–18 (on T. mar.; Trieste).

AMPHIBDELLIDÆ Carus, 1885a, 121 (contains *Amphibdella* Chatin).—Mont., 1888, 93; 1889, 116 (4) (belongs to *Gyrodactylidæ*).

AMPHIBOTHRURIUM Frey & Leuck., 1847, 147 (m. *krøyeri*) = *Amphibothrium* Leuck., 1847, see Braun, 1889a, 343).—Ben., 1858a, 1861a, 12.—Braun, 1890a, 518 (syn. of *Udonella*, 1855).—Dies., 1850a, 427 (syn. of *Udonella* Johnston).

krøyeri Leuck., 1847, 147–148, pl. 2, fig. 2 (on *Caligus* sp. parasitic on *Gadus*).

AMPHIBOTHRIUM—Continued.

kroyeri Dies., 1850a, 427 for *kroyeri* (syn. of *Udonella caligorum* Johnston) (in *Caligorum corporis superficiei*, frequens, in *Caligo hippoglossi vulgaris*, April (Johnston); *C. triglae* Gurnardi, June (Hyndman); *C. curto* (Kroyer).—Ben., 1858a, 1861a, 13 (syn. of *Ud. cal.* Johnst.).—Tasch., 1878, 573 (syn. of *U. cal.* F. & L.).

AMPHIOSTOMA Rud., 1819a, 88 for Amphistoma.

AMPHISTOMA *ab* Rud., 1801a, 50–51, 54 (Strigea Abildg., 1790, renamed, hence type strigis=macrocephalum); 1802b, 92–93; 1809a, 5, 21, 37, 340, pl. 5, figs. 4–7 [a, capite discreto, 6 species in birds; b, capite continuo, 3 species in birds, amphibia, and mammals]; 1819a, 87, 351–352, 589.—Baillet, 1866b, 99, 105–106.—Bellingham, 1844a, 338.—Ben. & Hesse, 1864, 61.—Blainv., 1828a, 582–583.—E. Bl., 1847a, 309–310.—R. Bl., 1886m, 841; 1888a, 543, 632, 636; 1895, 730.—Brand., 1888a, 9, 10, 13; 1891d, 12, 20.—Braun, 1883a, 69, 70; 1889i, 437; 1890a, 514, 515; 1892a, 568, 635, 650, 667, 681, 696, 698, 699, 707, 709, 710, 715, 720, 722, 738; 1892f, 49, 50, 51; 1893a, 851, 852, 872, 879, 880, 883, 884, 886, 890, 892, 893, 895, 902, 903, 904, 905, 906, 918; 1893f, 383; 1894a, 1147; 1895b, 134, 136, 137; 1898a, 1583; 1901b, 20, 55, 56 (sp. Bellingham).—Bremser, 1824, 132–133.—Burckhardt, 1891a, 63.—Burm., 1837a, 530; 1856a, 250.—Carus, 1863, 479.—Cobbald, 1875n, Nov., 817–821.—Cohn, 1903, in 35–42.—Crep., 1825a, 35–38; 1837a, 309, 313; 1839a, 286; 1847c, 30–35, pl. 2, figs. 1–5 (2 sp. in Zebu).—Cuv., 1817, 41.—Dav., 1877a, lxxx.—Deslongchamps, 1824c, 53–57.—Dies., 1836d, 238–246 (monograph); 1839a; 1850a, 288, 307 (sub Hemist.), 312 (sub Holost.), 317 (sub Codonocephalus), 318 (sub Diplodiscus), 319 (sub Monost.), 400–407, 573 (sub Tetrabothriorhynchus); 1858e, 312, 322 (of Bellingham, 1844a, 339) (syn. of Holost. falconum), 357–358.—Duj., 1845a, 327–331.—Eichwald, 1829a, 248.—Fil., 1837a, 334, 336.—Fischer, 1840a, 156.—Fischder., 1901a, 367–375 (revision with several new genera); 1902a, 6, 7, 10 (Strigea) (see Paramphist., nomenclature; syn. of Paramphist.); 1903h, 487, (Strigea Abildg., renamed), 488, 489, 490 (type strigis=macrocephalum) (of mammals, revision).—Gamble, 1896a, 73.—Goldb., 1855a, 17.—Goubaux, 1863a, 882–884.—Gurlt, 1831a, 369.—Hahn & Lefevre, 1884, 806.—L'Herminier, 1826, 10.—Hoyle, 1890, 535, 539.—Jackson, 1888, 642, 644, 654.—Joy, 1835a, 504.—Kath., 1894a, 130.—Kholodk., 1898a, 33; 1899a, 153.—Kitt, 1885a, 148.—Lamarck, 1816b, 187–188.—Lamouroux, 1822a, 297.—Leblond, 1836f, 4.—Lejtenyi, 1881a, 3, 9, 11.—Leuck., 1863, 451, 459, 462, 463, 524.—Looss, 1892a, 126; 1894a, 10, 20, 178, 249; 1896b, 173–177; 1901, 622; 1902m, 430, 438, 439, 638, 676, 746, 780 (Paramphist.).—Moniez, 1886, 87.—Mont., 1888a, 7, 12, 30, 46, 47, 52, 56, 63, 64, 71, 83 (Amphist.), 84, 90, 91, 103; 1892, 38; 1892, Oct. 7, 196, 197, 214; 1892, 700, 710; 1893, 27, 108, 208.—Moul., 1856a, 11, 12, 15.—Neumann, 1892, 345.—Nitzsch, 1819, 398–401.—Nord., 1840, 544, 614, 625–627, 628–629.—Olfers, 1816, 22, 47.—Otto, 1896, 78 pp., 30 figs.; 1896, 85–141, 275–296, figs. 1–30 (anat., histology).—Pag., 1857, 52.—Poir., 1883, 79.—Pratt, 1900a, 645.—Rafinesque, 1815, 151 (genus of Filaridia).—Rail., 1892, July 15, 633–634 (of domestic animals in Tonkin); 1893, April 15, 245–246; 1893a, 376 (Strigea).—Rousseau, 1833–34, 149–150.—Schndmhl., 1896, 295, 303.—Schneider, 1866, 334.—Shipley, 1905, 7 (syn. of Strigea), 8 (type Holost. macrocephalum).—Shipley & Hornell, 1904, 80.—Sons., 1895, 181, 183, 184, 185, 186.—Stiles, 1898a, 24, 64.—Tasch., 1879, 232, 233, 256.—Vaullegeard, 1899, 53.—Vogt, 1878, 9, 10.—Wallenstedt, 1847, 7.—Ward, 1895, 256, 338 (sp. Cobb. in stomach of *Equus caballus*).—Westrumb, 1821, 46; 1823, 390–398, pl. 5, figs. 1–2.

1803: Amphystoma Rud., 1803a, 29 (misprint).

1819: Amphistomum Nitzsch, 1819, 397–401 (emendation).—Crep., 1825, 35; 1837, 309, 313.

1819: Amphiostoma Rud., 1819a, 88 (misprint).

1822: Amphistome Lamouroux, 1822a, 297 (French word or misprint).

^a Rud. deliberately renamed a previously validly named genus, namely Strigea Abildgaard, 1790, referring clearly to this fact both in 1801a, 50–51, and 1802b, 92. He makes but one combination (Amphist. subclavatum), but since Amphist. is clearly a new name proposed for an older one (Strigea), which Rud. changed on the alleged ground that it was inappropriate, Amphist. should be suppressed in favor of Strigea and take the same species as type.

^b Since 1816 written almost indiscriminately Amphistoma or Amphistomum.

AMPHISTOMA—Continued.

- 1888: *Amphistomum* Mont., 1888, 83 (misprint).
anatis Rud., 1819a, 793, for *anatis querquedula* 1819a, 92.
anatis querquedula Rud., 1819a, 92 (in *Anas querquedula*; C. E. V.).—Dies., 1836d, 253.—Westrumb, 1823, 398.
anatis tadornæ (Viborg, 1795) Rud., 1809a, 352; 1814a, 100 (= *A. isostomum*).—Dies., 1850a, 313 (syn. of *Holost. erraticum* Duj.).
asperum Dies., 1838a, 189 (in *Tapirus americanus*); 1839a, 236, pl. 20, figs. 14–16 (in *Tap. amer.*; South America [Matogrosso and Cachoeira do Bananeira]); 1850a, 402.—Braun, 1892a, 580; 1893a, 894, 905; 1893d, 466.—Cobbald, 1875n, 819; 1879b, 402.—Duj., 1845a, 334.—Fischder., 1902a, 39 (syn. of *Cladorchis asper*).—Nord., 1840, 629.—Sons., 1895, 184.
attenuatum Dies., 1836d, 238, 252, pl. 24, figs. 9–12 (in *Salmo paccu*; Caiçara); 1850a, 406–407 (in *Miletes bidens*; Brazil).—Cobbald, 1860a, 54 (in *M. bidens*; Brazil).—Duj., 1845a, 341 (in *Salmo pacu*; Brazil).—MacCallum, 1905, 668, 677 (in *Salmo*).—Nord., 1840, 629.
bothriophoron Braun, 1892f, 49, 50, 51 (in *Bos indicus*; Madagascar); 1893a, 738; 1893b, 185; 1893f, 383; 1901b, 20.—Fischder., 1903h, 538 (to *Paramphist.*).—Otto, R., 1896, 101–103, fig. 5.—Sons., 1895, 184.—Spengel, 1892.
bothriophorum Stiles, 1898a, 24, 67, fig. 56 (read *bothriophoron*).
brachycælium Cohn, 1903, 39 (host not given) (? lapsus).
cervi (Schrank, 1790) Stiles, 1898a, 24, 64, 65, 66, 67, 139, 140, 141, 142, figs. 49–55 (*Bos taurus*).—Fischder., 1901a, 368 (type of *Paramphist.*).—Stiles & Hass., 1900a, 611, fig. 29; 1902f, 360; 1904c, 22.
chelonix imbricata Dies., 1858e, 358 (based on Bellingham, 1844a, 340, in *Chelonia imbricata*; Ireland).—Braun, M., 1893a, 905.
chordale Burckhardt, 1891a, 21 Apr., 62–64 (*Protopterus annectens*); 1892a, 344–345 (a *Tetracotyle*, *Holostomidae*, teste Brandes).
clavatum Steenstrup, 1842, 59 (in *Rana temporaria*); 1842, 109–110 [for *subclavatum*?].—Sieb., 1843, lx.
clavigerum Zed., 1803a, 199 (*Fest. strigis* Schrank, 1788, renamed) (in *Strix*).—Rud., 1809a, 341 (syn. of *A. macrocephalum*).
collinsi Sons., 1895, 182 (for *collinsii*), 187 to (*Pseudodiscus*).—Fischder., 1902a, 48 (in *Equus caballus*; India).
collinsii Cobbald, 1875l, 741 (in *Equus caballus*); 1875n, 818, 819; 1879b, 357, 398; 1883x, 515.—Fischder., 1903h, 489 (to *Pseudodiscus* by Sons.).—Huber, 1896a, 580 (India).—Sons., 1895, 182, fig. 2.—Theobald, 1900, 51.
collinsii var. *stanleyi* Cobbald, 1879b, 357 for *stanleyi* 1875 (in *Equus*).—Fischder., 1902a, 48.—Piana & Stazzi, 1900, 519 [= *A. hawkesi* Cobbald].—Sons., 1895, 182.
conicum (Zed., 1803) Rud., 1809a, 349–352 (*Bos taurus*, Greifswald; *Cervus elaphus*), 356; 1819a, 91 (*Ovis aries*, *Cervus dama*), 360, 577, 589, 793.—Anacker, 1892c, 94.—Baillet, 1866b, 90, 106.—Bénion, 1874a, 628.—Bettendorf, 1897a, 7, 38; 1897, 311, 342.—E. Bl., 1847a, 310–316.—R. Bl., 1886, 295; 1888a, 584, 585.—Blumberg, 1871a, 40 pp., 1 pl. (anat.); —, 496–499; 1872, v. 33, 190–191; —, v. 8, 454.—Brand., 1891d, 7, 12, 13, 14, 15, 18, 20; 1898a, 222 (30).—Braun, 1892, 49, 50; 1892a, 576, 584, 587, 589, 591, 593, 595, 596, 597, 601, 603, 607, 608, 609, 613, 614, 615, 621, 622, 628, 632, 638, 640, 641, 642, 645, 646, 648, 654, 660, 661, 662, 664, 666, 667, 669, 671, 675, 676, 677, 681, 682, 683, 685, 688, 692, 693, 695, 703, 705, 711, 712, 713, 717, 718, 719, 724, 729, 730, 731, 733, 738, 739, 748, 762, 766; 1893a, 874, 879, 881, 905; 1893b, 186; 1893d, 466.—Cobb., 1891b, 614–615, 1 fig.—Cobbald, 1858b, 159; 1859, 51; 1875n, 818; 1879b, 331; 1884g, 976.—Conyngham, 1904, Sept. 17, 663.—Crep., 1837a, 311, 313, 315, 317, 321, 322, 323, 327; 1839a, 286; 1841, 80; 1847, 30.—Darr, 1902, 688.—Daubenton, —, 250, pl. 16, fig. 3 (*Bos taurus*).—Dav., 1877a, lxxx, 234, 235.—Dies., 1835, 246; 1836d, 238, 239, 240, 243, 244, 245, 246–248, pl. 23, figs. 1–4 (*Bos taurus dom.*, *Ovis aries*, *Cervus elaphus*, *Cervus capreolus*, *Cervus dama*, *Cervus campestris*, *Cervus dichotomus*, *Cervus nambi*, *Cervus rufus*, and *Cervus simplicicornis*; Brazil); 1850a, 401 (in *Bos taurus indicus*, Berlin; *B. urus*, Vilna; *Capra hircus* var.; *Antelope dorcas*, Berlin; *Cervus capreolus*; *C. alces*) (syns.: *Fasc. hepatica* Mueller; *F. cervi* Schrank; *F. elaphi* Gmelin; *Festuc. cervi* Zed., *Monost. conicum* Zed.); 1850a, 401.—Duj., 1845a, 331, 332–333.—Eichw., 1829a, 248.—Falk, —, 6–7.—Fischer,

AMPHISTOMA—Continued.

- 1840, 157; 1883a, 20.—Fischder., 1901, 368, 375; 1902a, 11 (syn. of *Paramphist. cervi*), 13 (syn. of *P. liorchis*), 41, 50 (syn. of *Balanorchis anastrophus*); 1903h, 485 (in *Bos taurus*; Koenigsberg i. Pr.), 504–505 (syn. of *P. cervi*), 506, 508 (of Dies., 1835, 247, in *Cervus dichotomus* in Brazil as syn. of *Bal. anast.*), 508 (of Dies., 1835, 247, in *Cervus simplicicornis*, *C. campestris*, *C. mexicanus*, *C. rufus*, *C. dichotomus*, *C. namby* in Brazil as syn. of *P. liorchis*), 509 (of Gurlt, 1831, 369 in *Bos taurus indicus* as syn. of *P. dicranocoelium*), 515 (of Dies., 1835, 247, in South American *Cervus simplicicornis*, *campestris*, *mexicanus*, *rufus*, *dichotomus*, *namby*, as syn. of *P. liorchis*), 528 (in *B. tau. ind.*, as syn. of *P. dicranocoelium*), 535 (in *Antelope dorcas* as syn. of *P. microbothrium*), 584 (syn. of *Gastrothylax mancupatus*); 1904, 459.—Giard & Billet, 1892a, 615.—Giebel, 1857, 266.—Gronkowski, 1902a, 511, 514, 515, 517–518, 519, 520, 523, 529–531, 532, 533, fig. A (4, 7, 8, 10–11, 12, 13, 16, 22–24, 25, 26, pl. 13, figs. 2, 6, 7).—Gurlt, 1831, 156, 369–370, pl. 8, figs. 25–28.—Janson, 1893c, 261; 1897a, 103.—Kastenbaum, 1899 (244), fig. 33, 6.—Kath., 1894a, 131, 143.—Kerbert, 1881a, 548, 551.—Kitt, 1885a, 148.—Lamarck, 1816b, 189.—Lamoureaux, 1822a, 297.—Laurer, J. F., 1830a, 20 pp., 1 pl.; 1830, 3, 4, figs. 1–14.—Lejtenyi, 1881a, 3, 5, 6, 7, 8, 11, 16, 18, 20.—R. Leuck., 1863, 479, fig. 157; 1876, 869.—Linst., 1883, 310.—Looss, 1885b, 6, 17; 1894a, 124, 142, 146, 206, 237; 1894d, 17, 22, 24; 1896b, 5, 23, 31, 32–33, 170, 173, 176, 178, 185–191, pl. 12, figs. 125–134 (syn. *Fest. cervi*) (in *Physa alexandrina*; *P. micropleura*; *buffles*; *Egypt*); 1898a, 459; 1902m, 438, 444 (*Cerc. pigmentata* Sons.), 638.—Macé, 1882, 9, 30, 80, 81, 85.—Mégnin, 1882, 456.—Mingazzini, 1899a, 10 pp., figs. 1–5.—Miram, 1840, 157.—Moul., 1856a, 18.—Mueh., 1898, 20.—Neumann, 1888, 336, fig. 124; 1892, 353, fig. 140; 1892, 363, fig. 140.—Nitzsch, 1819, 398 (syn. *Monost. conicum* Zed.).—Nord., 1832a, 38, 92, 93, 97; 1840, 547; 1840, 627 (syns. *Fasc. elaphi* Gmelin; *Monost. conicum* Zed.).—Olfers, 1816, 47.—Ostertag, 1899, 412.—Otto, 1896, 97–101, fig. 4, figs. 10, 13.—Poir., 1885, 1, 3, 101, 102.—Rail., 1886, 301, fig. 195; 1890, 143; 1892, 633; 1893a, 376–377 (synonymy), fig. 249.—Rail. & Gomy, 1899, 348, 349.—Rubridge, 1892, 61.—Schmalz, 1831, 24.—Schneider, 1866, pl. 28, fig. 4.—Siebold, 1835, 56, 57, 58, 59, 62, 65.—Slawikowski, 1819, 52.—Sons., 1895, 181, 184, 185; 1896, 314; 1897, 252.—Staff., 1905, April 11, 693 (syn. of *Paramphist. cervi* Zed.).—Stiles, 1898a, 64.—Tasch., 1878, 176.—Trollip, 1893, 6 (22), 2 Nov., 424–425 (in ox).—Verrill, 1870, 176, 177, 220.—Veterinarius, v. 21, 328.—Villot, 1878, 16.—Volz, 1899, 232.—Ward, 1895, 256 (syns. *Fest. cervi* Zed.; *Fasc. elaphi* Gmelin; *Monost. conicum* Zed.); 1895, 332 (in *Bos taurus*), 335 (in *Ovis aries*), 338 (in *Equus caballus*).—Westrumb, 1823, 396, 397.—Zeit. f. Fleisch-u. Milchhyg., July, 1894, 200.—Ziegler, 1883, 546.—Zuern, 1882, 220, 221, pl. 4, fig. 10.—Also reported for *Capreolus caprea*, *Cariacus paludosus*.
- cornu* (Zed., 1800) Rud., 1809a, 346–347 (*Ardea cinerea*; Europe); 1819a, 85, 345, 793 (to *Monost.*).—Brand., 1888a, 10.—Dies., 1850a, 327 (to *Monost.*).—Duj., 1845a, 349 (to *Monost.*).—Lamarck, 1816b, 189.—Nord., 1840, 626–627.—Olfers, 1816, 48.
- cornu* (Nitzsch, 1819) Rud., 1819a, 89–90, 357, 793 (*Ardea cinerea*, *A. garzetta*; Europe) [nec (Zed., 1800) Rud., 1809].—Baird, 1853a, 47.—Bellingham, 1844, 339.—Dies., 1850a, 315 (to *Holost.*); 1858e, 321.—Stoss., 1898, 22 (to *Holost.*).—Westrumb, 1823, 394–395.
- cornu* Dies., 1839a, 235, pl. 20, figs. 12–13 (*Dorcas n. sp.* = *Cataphractus vacu* Natt. Cat.; *Forte do Rio Branco*, Brazil) [nec (Zed., 1800) Rud., 1809a; nec (Nitzsch 1819) Rud., 1819]; 1850a, 402.—Braun, 1893a, 905.—Cobbold, 1860a, 53 (re-named *nattereri*).—Duj., 1845a, 340.—MacCallum, 1905, 668.
- cornutum* Rud., 1808a, xxv, pl. 4, figs. 4–7; 1809a, 343–344 (in *Charadrius pluvialis*, intestine; Greifswald); 1819a, 90, 589, 793.—Dies., 1850a, 317 (to *Holost.*).—Duj., 1845a, 372 (to *Holost.*).—Lamarck, 1816, 188.—Lamoureaux, 1822a, 297.—Nord., 1840, 626.—Olfers, 1816, 47.—Risso, 1826, 262.—Westrumb, 1823, 395.
- crueniferum* Crep., 1847, 30–34, pl. 2, figs. 1–5 (in *Bos taurus indicus*, rumen).—Baillet, 1866b, 106.—Brand., 1891d, 17; 1898a, 196, 216 (4, 24).—Braun, 1892a, 576, 738, 739; 1892, 49, 51.—Cobbold, 1875m, 819; 1879b, 332.—Dav., 1877a, lxxx.—Dies., 1850a, 402–403.—Fischder., 1902a, 27 (to *Gastrothylax*); 1903h, 488, 557 (type of *Gastrothylax*), 558, 559, 575; 1904, 459.—Giard & Billet, 1892a, 615.—Neumann, 1892, 363.—Poir., 1883, 76 (to *Gastrothylax*).—Sons., 1895, 185; 1896, 298.—Stiles, 1898a, 67.—Verrill, 1870, 177, 220.—Ward, 1895, 332 (in *Bos taurus*).

AMPHISTOMA—Continued.

- crumigerum* Fischder., 1903h, 563 (syn. of *Gastrothylax compressus* Brand.).
- cylindricum* Dies., 1836d, 249, pl. 23, figs. 13–15 (in *Cataphractus murica*; at Villa Maria, Brazil); 1850a, 405 (in *Doras murica*; Brazil).—Braun, 1893a, 905.—Duj., 1845a, 340.—MacCallum, 1905, 668, 672, 673 (in *Callichthys*).—Nord., 1840, 628.
- denticulatum* Rud., 1819a, 90, 358 (in *Alcedo ispida*; Mus. Vien.), 793.—Dies., 1850a, 311 (to Hemist.).—Duj., 1845a, 372 (to Holost.).—Lamouroux, 1822a, 297.—Villot, 1898, 538.—Westrumb, 1823, 395–396.
- dolichocotyle* Cohn, 1903, May 30, 37–39, fig. 3 (in *Herpetodryas fuscus*); 1904, 242.—Type of *Catadiscus*, 1904.
- elongatum* (Poir., 1883) Fischder., 1903h, 577 (to *Gastrothylax*) (in *Anoa depressicornis*; Berlin Zool. Garden).
- emarginatum* Dies., 1839a, 237 (in *Callithrix noctivaga*; at Matogrosso, Brazil); 1850a, 407 (in *Cebus trivirgatus*, ex Dies., 1839.—Braun, 1893a, 905; 1901e, 311.—Cobbold, 1879b, 289.—Duj., 1845a, 331 (ex Dies., 1839).—Fischder., 1902a, 49 (in *Nictipithecus trivirgatus*; Brazil).—Nord., 1840, 629.
- emberizæ citrinellæ* Dies., 1836d, 253.
- erraticum* Rud., 1808a, 458 (nomen nudum); 1809a, 344–345 (in *Larus septentrionalis*; Greifswald, Europe); 1819a, 89 (in *Scolopax gallinago*, Greifswald; *Colymbus arcticus*, *Scolopax rusticola*), 356, 793.—Baird, 1853a, 47 (to Holost.).—Crep., 1839, 288.—Dies., 1850a, 313 (to Holost.).—Duj., 1845a, 373 (to Holost.).—Erc., 1881e, 86 (eggs); 1882a, 322.—Lamarck, 1816b, 189.—Lamouroux, 1822a, 297.—Nord., 1840, 626.—Olfers, 1816, 47.—Westrumb, 1823, 393–394.
- excavatum* (Rud., 1803) Nitzsch, 1819, 399 (to Holost.).
- explanatum* Crep., 1847, 34–35 (in *Bos taurus indicus*, liver and gall bladder; Berlin).—Baillet, 1866b, 106.—Braun, 1892a, 738; 1893a, 875, 905; 1893d, 467 (in *Bos taurus indicus*).—Cobbold, 1875n, 819; 1879b, 332.—Dav., 1877a, lxxx.—Dies., 1850a, 404–405 (Berlin).—Fischder., 1902a, 34 (in *Bos taurus ind.*; Calcutta); 1904, 454, 459.—Giard, & Billet 1892a, 615.—Gomy, 1897a, 377.—Rail: & Gomy, 1897, 2 July, 610–613 (in cattle; Cochinchina); 1897, 1 Aug., 474–475; 1899, 347, 349.—Sons., 1895, 184.—Stiles, 1898a, 24, 67, 140.—Verrill, 1870, 177.—Veterinarius, v. 21, 328.—Ward, 1895, 332 (in *Bos taurus*).
- fabaceum* Dies., 1838, 189 (in *Manatus australis*); 1839a, 236, pl. 20, figs. 19–23 (in *Manatus exunguis*; Borba and Forte do Rio Branco, Brazil); 1850a, 403–404 (in *Man. exung.*; Brazil).—Braun, 1893a, 905.—Cobbold, 1879b, 429.—Duj., 1845a, 334.—Fischder., 1901, 374 (type of *Chiorchis* n. g.); 1902a, 44, (to *Chiorchis*); 1903h, 621, 622 (in *Manatus latirostris*; North America).—Leidy, 1891a, 413–414 (in *Manatus latirostris*).—Nord., 1840, 629.—Stedman, 1889, v. 11, 85–101, pls. 1–2.
- falconis palumbæ* Baird, 1853a, 47 (syn. of Holost. macrocephalum).
- falconis palumbarii* Rud., 1819a, 88 (syn. of *A. macrocephalum*), 793.—Dies., 1850a, 309 (syn. of Hemist. spatula).
- falconis palumbi* (Viborg, 1795) Rud., 1809a, 352, sp. inq.
- falconis peregrini* Rud., 1819a, 92, 362, sp. dub. (*Falco peregrinus*; Berlin), 793.—Dies., 1836d, 253.—Westrumb, 1823, 397.
- ferrum-equinum* Dies., 1836d, 238, 250, pl. 23, figs. 16–18 (*Cataphractus murica* at Cuyaba and *C. corome* at Cuyaba and Matogrosso); 1850a, 405 (*Doras muricas*, *D. costatus*).—Braun, 1893a, 905.—Duj., 1845a, 340–341.—MacCallum, 1905, 668.—Nord., 1840, 629.
- giganteum* Dies., 1836d, 238, 239, 240, 243, 244, 245, 248, pl. 22, figs. 5–6 (*Dicotyles albirostris* at Nas Frechas and Caicara, and *D. torquatus* at Matogrosso); 1850a, 403.—Brand., 1891d, 17.—Braun, 1892a, 578, 601; 1893a, 874, 905; 1893d, 466 (in *Dic. labiatus*; *D. torq.*).—Cobbold, 1875n, 819; 1879b, 404.—Crep., 1841, 80 (in *Dic. lab.*, *D. torq.*).—Duj., 1845a, 333–334.—Fischder., 1901, 373; 1902a, 40 (e. p. syn. of *Cladorchis* (*Taxorchis*) *schistocotyle*).—Moul., 1856a, 19.—Nord., 1840, 547, 628.—Sons., 1895, 184.
- gigantocotyle* Brand., in Otto, 1896, 16 Apr., 103–105, figs. 6–7 (in *Hippopotamus*).—Fischder., 1902a, 9, 34 (in *Hip. amphibius*; Africa); 1903h, 495, 496.
- gracile* Rud., 1819a, 89, 355 (*Mergus merganser* and *M. albellus*), 793.—Bellingham, 1844, 339.—Dies., 1850a, 315 (to Holost.); 1858e, 321.—Duj., 1845a, 578 (to Holost.).—Lamouroux, 1822a, 297.—Westrumb, 1823, 393.

AMPHISTOMA—Continued.

- grande* Dies., 1839a, 237, pl. 20, figs. 25–27 (in Chelys, Phrynops, Peltoccephalus, Podocnemis, Rhinemys; South America); 1850a, 406 (in Chelys fimbriata, Phrynops Geoffroanus, P. miliusii, P. gibbus, Peltoccephalus dumerilianus, Podocnemis erythrocephala, P. expansa, P. tracaxa, Rhinemys nasuta; Brazil).—Brand., 1891d, 17.—Braun, 1892a, 586; 1893a, 879, 905; 1899b, 715, 719; 1901b, 55.—Crep., 1844a, 114.—Duj., 1845a, 336.—Leidy, 1888, 127.—Looss, 1902m, 430, 437, 440.—Mont., 1892, 715; 1896, 165.—Nord., 1840, 629.
- hawkesi* Sons., 1895, 182; 1895, 187, fig. (to Pseudodiscus); 1896, 310.
- hawkesi* Braun, 1893d, 466, for *hawkesii* Cobbold.
- hawkesii* Cobbold, 1875n, 818, 819 (in Elephas indicus; India); 1877, 234; 1879b, 393, 396, 399; 1882, 238–240, fig. 8; 1883x, 515.—Braun, 1893a, 874, 905; 1893d, 466 (*hawkesi*).—Fischder., 1902a, 48 (*hawkesi*) (in E. indicus, India); 1903h, 489 (to Pseudodiscus by Sons., 1895).—Galli-Valerio, 1901c, 364 (elephant).—Huber, 1896a, 579–580 (elephant).—Looss, 1902m, 439 (*hawkesi*).—Mégnin, 1882, 455.—Piana & Stazzi, 1900, 511, 519–525, 529, figs. 12–14 (*hawkesi*); 1901, 416.
- hepaticum* Betegh in Gomy, 1898, 328–329 [Veterinarius, v. 21 (11), June 1]; [Gomy, 1897, Aug. 21, 401].—Rail. & Gomy, 1899, 348.—Refers to “amphistome hépatique” = A. explanatum.
- hirudo* Dies., 1836d, 238, 249, pl. 23, figs. 10–12 (Palamedea cornuta; Engenho do Cap Gama, Brazil); 1850a, 407.—Braun, 1893a, 874, 905.—Duj., 1845a, 355.—Nord., 1840, 628.
- hominis* Lewis & McConnell, 1876a, 182–186, 1 text fig., pl. 3, figs. 1–3 (Homo; Calcutta, India).—Anders, 1903, 1245.—Bl., 1888a, 632–636, figs. 327–329; 1895, 744; 1900, 488.—Braun, 1883, 69; 1892a, 663; 1893a, 874, 905; 1895, 137–138, fig. 52; 1903, 146 (to Gastrodiscus).—Cobbold, 1879, 36–38, fig. 6; 1883x, 515.—Dav., 1877a, cxxxii.—Dunglison, 1893, 50, 533.—Fischder., 1901, 374; 1902a, 9, 46 (to Gastrodiscus); 1903h, 496.—Gamb., 1896, 63.—Giles, 1890, 125.—Hackley, 1886, 519.—Huber, 1896, 579–580.—Ijima, 1889, 157.—Jamison, 1897a, 74.—Kholod., 1898, 33, pl. 11, figs. 26–27; 1899a, 153.—Looss, 1902, 746; 1905, 110 (to Gastrodiscus).—Manson, 1901, 541, 543; 1903, 3. ed., 663, fig. 106.—Mon., 1896, 86, 87–89, figs. 17–18.—Mosler & Peiper, 1894, 185–186.—Schneidemuehl, 1896, 303.—Simon, 1897, 209; 1897, 223–224.—Sons., 1895, 181, 183; 1895, 187, fig. 6 to (Gastrodiscus); 1896, 310.—Stiles, 1904, 46 (to Gastrodiscus).—Veterinarian, Lond., 1877, v. 50, 82.—Vogt, 1878, 10.—Ward, 1895, 327 (in Homo); 1903, 865 (to Gastrodiscus).
- isostomum* Rud., 1814a, 100 (Strigea candida and Amphist. anatis tadornæ, renamed; in Anas tadorna; Copenhagen); 1819a, 89, 355, 793.—Bellingham, 1844a, 339.—Duj., 1845a, 377 (to Holost.).—Dies., 1850a, 313 (syn. of Holost. erraticum); 1858e, 320.—Lamoureux, 1822a, 297.—Olfers, 1816, 48.—Westrumb, 1823, 393.
- konikum* Schneidemuehl, 1896, 303, for conicum.
- lari glauci* Rud., 1819a, 92 (in Larus glaucus; Cat. Ent. Vien.), 793.—Dies., 1836d, 253; 1850a, 310 (syn. of Hemist. spathaceum).
- lolinis* delle Chiaje, 1841a, 140 (sub Amphystoma).—Par., 1894.
- longicollis* Rud., 1819a, 87–88, 92, 352–353 (Ardea alba, A. stellaris, Larus ridibundus, and L. atricilla; Mus. Vienn.), 793.—Baird, 1853a, 48 (to Holost.).—Bellingham, 1844, 338.—de Blainv., 1828, 583.—Bremser, 1824, 132; 1824c, pl. 8, figs. 15–16.—Dies., 1850a, 316 (to Holost.); 1858e, 321.—Fischer, 1840, 157.—Lamoureux, 1822a, 297.—Stoss., 1898, 21.—Westrumb, 1823, 390–391.
- lunatum* Dies., 1836d, 238, 240, 250–251, pl. 23, figs. 21–22 (Cervus dichotomus, Anas melanotus, Anas ipecuri, Himantopus wilsonii; Caicara); 1850a, 405–406 (“Cervus dichotomus, nisi lapsus calami;” other hosts as in 1836d).—Braun, 1892a, 570; 1893a, 874, 905.—Crep., 1839, 286.—Duj., 1845a, 335–336.—Fischder., 1902a, 53–54 in Cervus dichotomus?, Anas ipecuri, A. himantopus, A. melanotus, A. moschata fer.; Brazil).—Nord., 1840, 629.—Also reported for Cariacus paludosus.
- macrocephalum* Rud., 1803a, 21–23 (Strix bubo) (includes: Fasc. strigis Gmelin, 1790a, and Strigea Abildg., 1790 [Copenhagen]) [type of Amphist., by inclusion]; 1809a, 50, 340–342 (in Strix ulula, S. otus, S. bubo, S. flammea, Scolopax gallinago); 1814a, 99–100; 1819a, 88 (additional hosts: Falco albicilla, F. aluco, F. apivorus, F. buteo, F. chrysaetos, F. cinereus, F. cyaneus, F. gallicus, F. haliaetos, F. lagopus, F. lanarius, F. leucosoma, F. lithofalco, F. milvus,

AMPHISTOMA—Continued.

- F. nævius*, *F. nisus*, *F. palumbarius*, *F. pennatus*, *F. peregrinus*, *F. rufipes*, *F. subbuteo*, *F. tinnunculus*, *Strix brachyotus*, *S. dasypus*, *S. passerina*), 354–355 (includes *Holost. variabile* Nitzsch, and *Fest. oti*), 793.—Baird, 1853a, 47, 48 (to *Holost.*).—Bellingham, 1844a, 338.—Brand., 1888a, 10.—Bremser, 1824, pl. 8, figs. 18; 19, 21, 22.—Cobbold, 1858b, 164 (syn. of *Hemist. spathula* Dies., see next entry).—Crep., 1839, 288.—Dies., 1850a, 312–313 (*A. mac.* of Rud., 1809a, 340; 1819a, 88, exc. syn.; Westrumb, 1823, 391; Bremser, 1824, pl. 8, figs. 18, 19, 21, 22, all as syn. of *Holost. variabile*); 1858e, 320 (syn. of *Holost. variabile*).—Fischer., 1840, 157.—Fischder, 1901, 367; 1902a, 7 (= *Plan. strigis*); 1903h, 490 (= *strigis*; type of *Strigea*, *Amphist.*, *Holost.*).—Lamarck, 1816, 188.—Lamouroux, 1822a, 297.—Nitzsch, 1819, 400 (syn. of *Holost. variabile*).—Nord., 1840, 625 (syns. *Fasc. strigis*, *Holost. variabile*).—Olfers, 1816, 47.—Stoss., 1898, 21 (syn. of *Holost. variabile*).—Westrumb, 1823, 392–393.
- macrocephalum* Rud., 1819a, 88 (pars; *falconis milvi*).—Baird, 1853a, 48.—Bremser, 1824, pl. 8, figs. 17, 20.—Dies., 1850a, 309 (syn. of *Hemist. spathula*).—Linst., 1905, 191.—Nord., 1840, 626 (syn. of *A. striatum*).
- megacotyle* Dies., 1836d, 238, 250, pl. 23, figs. 19–20 (*Silurus palmito*; Matogrosso); 1850a, 405 (*Trachicirrhus nattereri*; Brazil).—Braun, 1893a, 905.—Duj., 1845a, 340 (in *Sil. palm.*; Brazil).—MacCallum, 1905, 668 (in *Silurus*).—Nord., 1840, 629.
- microcephalum* Rud., 1819a, 88, lapsus for *A. microstomum* Rud.
- microstomum* Rud., 1809a, 342–343 (*Corvus caryocatactes*; Europe); 1819a, 88, 793.—Dies., 1850a, 314 (to *Holost.*); Duj., 1845a, 371 (Greifswald), (to *Holost.*).—Lamouroux, 1822a, 297.—Olfers, 1816, 47.—Westrumb, 1823, 393.
- mutabile* (Zed., 1800) Sieb., 1835, 70, lapsus for *Monost. mut.*
- nattereri* Cobbold, 1860a, 52; cornu Dies., 1839a [not (Zed., 1800) Rud., 1809], renamed; t. h. *Callichthys vacu*; Brazil.
- oidemix nigra* Dies., 1858e, 322 (syn. of *Holost. anatis nigrae*), based on Bellingham, 1844a, 340, Ireland.
- ornatum* Cobbold, 1882a, March, 240, fig. 9 (*Elephas indicus*).—Braun, 1893a, 882, 905.—Fischder., 1902a, 49 (in *Elephas indicus*; India).—Looss, 1902m, 439.—Méglin, 1882v, 454–456 (in elephant).—Sons., 1895, 183.
- oxycephalum* Dies., 1836d, 238, 240, 251, pl. 24, figs. 1–8 (*Salmo auratus*, *S. pacu*, *Silurus megacephalus* at Cuyaba, *Salmo pacupeba* at Rio Panara and Rio Araguay); 1850a, 407.—Braun, 1892a, 586; 1893a, 905.—Duj., 1845a, 339–340.—MacCallum, 1905, 668, 672 (in *Salmo* and *Silurus*).—Nord., 1840, 629.
- papillatum* Cobbold, 1882, 240–242, fig. 10, pl. 24, fig. 11 (*Elephas indicus*).—Braun, 1892a, 580, 663; 1893a, 874, 905; 1893d, 466.—Fischder., 1902a, 49 (in *Elephas indicus*; India).—Sons., 1895, 184, 187, figs. 4–5.
- papilliferum* Braun, 1892a, 586, for *A. papillatum* Cobbold.
- pileatum* (Rud., 1802) Rud., 1819a, 90, 358, 793.—Blainv., 1828, 584 (to *Holost.*).—Dies., 1850a, 314 (to *Holost.*).—Lamouroux, 1822a, 297.—Westrumb, 1823, 395.
- pileatum* Rud., of Bremser, 1824, pl. 8, figs. 28–29.—Dies., 1850a, 311 (syn. of *Hemist. commutatum*).
- piriforme* Sons., 1895, 184 (for *pyriforme*).
- platycephalum* Crep., 1825a, 39–41, 81–82 (*Colymbus rufogularis*; Greifswald); 1846, 138, 139, 140, 141.—Dies., 1850a, 313 (to *Holost.*).—Duj., 1845a, 376 (to *Holost.*).
- pulcherrima* Weyenbergh, 1876, 167–169, pl. 9, figs. 75–78 (in *Hypostomus plecostomus* Val.; Argentina); 1878, 354 (to *Dist.*).—Looss, 1885b, 55.
- pyriforme* Dies., 1838a, 189 (in *Tapirus americanus*); 1839a, 236, pl. 20, figs. 17–18 (*Tap. amer.*; Matogrosso or Cachoeira do Bananeira); 1850a, 403 (Brazil).—Braun, 1893a, 874, 905; 1893d, 466 (in *Tap. amer.*).—Cobbold, 1875n, 819; 1879b, 402.—Duj., 1845a, 334.—Fischder., 1902a, 36 (to *Cladorchis*).—Nord., 1840, 629.—Sons., 1895, 184 (*piriforme*).—Weyenbergh, 1878, 167–169.
- rhopaloides* Crep., 1839, 294; 1846, 168 (“falsch geschrieben ropaloides” Leblond).—Baird, 1853a, 116 (syn. of *Tetrabothriorhynchus barbatus*).—Dies., 1850a, 574 (syn. of *Tetrab. migratorius* in *Conger vulgaris*) (includes Leblond, 1836e, 290, pl. 16, figs. 1–3; 251.—Deslongchamps, —, 294.—Duj., 1845a, 341.—Sieb. 1837, 265; 1838, 306).—Lacaze-Duthiers, 1854a, 294.

AMPHISTOMA—Continued.

- ropaloides* Leblond, 1836e, 290, pl. 16, figs. 1-3 (Muræna conger; coast of Normandie); 1836f, 4, pl. 16, figs. 1-3 (in Muræna conger).—Crep., 1839, 294.—Deslongchamps, —, 249.—Duj., 1845a, 341 (coast of Normandie).—Sieb., 1837, 265; 1838, 306.—Vaullegeard, 1899, 82.
- scleroporum* Rud., of Brand., 1891d, 19 (for Creplin?).
- scleroporum* Crep., 1844a, 112-115, pl. 3, fig. A (*Chelonia mydas*); 1846, 146.—Braun, 1893a, 905; 1899b, 715 (in *Chelone viridis*), 725 (*C. mydas*); 1901a, 39, 40, 55, 56, 1 fig.—Dies., 1850a, 406 (*Halichelys atra*; Vratislaviæ).—Looss, 1901, 623, 624; 1902m, 430, 437, 438, 440, 562.—Mont., 1896, 165.—Walter, 1892, 248.
- serpens* (Nitzsch, 1819) Rud., 1819a, 88, 353-354 (in *Falco haliaëtus*; September), 793.—Dies., 1850a, 316 (to Holost.).—Duj., 1845a, 371, at Halle (to Holost.).—Lamoureux, 1822a, 297.—Nord., 1840, 628 (to Holost.).—Westrumb, 1823, 392.
- sonsinoi* Linst., 1889, 23 (for sonsinoii) (in *Equus caballus*).—Ward, 1895, 338, (syn. of *Gastrodiscus ægyptiacus*) (in *Equus caballus*).
- species Bellingham, 1844, 340.—Braun, 1901a, 55, 56.—Looss, 1902m, 430.
- species Cobbold, 1879, in *Equus caballus*.—Ward, 1895, 338.
- species Fischder., 1903, v. 17, 594; 1904, 468, syn.? of *Paramphist. scoliocœlium*.
- species in *Felis catus*.
- species in *Phoca groenlandica*.
- sphærocephalum* Westrumb, 1823, 396 (*Coracias jugularis*; at Rio Janeiro).—Brandes, 1888a, 65 (to Holost.); 1890a, 592.—Dies., 1850a, 314 (to Holost.; in *Coracina scutata*; Brazil).
- sphærule* Rud., 1803a, 23-24 (*Corvus cornix*; Greifswald); 1809a, 345-346; 1819a, 90, 358.—Bellingham, 1843a, 343; 1844, 339.—Dies., 1850a, 314 (to Holost.).—Duj., 1845a, 371 (to Holost.).—Lamoureux, 1822a, 297.—Olfers, 1816, 47.—Westrumb, 1823, 395.
- spinulosum* Looss, 1901l, 7 Nov., 623-624 (in *Chelone mydas*; Alexandria, from Egyptian coast); 1902m, 415, 430-444, pl. 21, figs. 10, 11; pl. 22, figs. 12-16, 430; 434, 436, 437, 438, 439, 442, 649, 676, 869 (colon of *Ch. mydas*), 871.—Shipley, 1905, v. 2, 846.
- stanleyi* (Cobbold, 1879) Ward, 1895, 338 (in *Equus caballus*) (for *stanleyii* Cobbold).
- stanleyii* Cobbold, 1875n, 819.—Fischder., 1902a, 48 (*stanleyi*) (in *Equus caballus*; India).
- striatum* Rud., 1809a, 343 (*Falco milvus*; Europe); 1819a, 88 (syn. of *A. macrocephalum*, 793.—Baird, 1853a, 47 (syn. of Holost. *macroceph.*).—Dies., 1850a, 309 (syn. of *Hemist. spathula*).—Lamarck, 1816b, 188.—Nord., 1840, 626 (syn. *A. macroceph.* Rud.).—Olfers, 1816, 47.
- subclavatum* (Gœze, 1782) Rud., 1802b, 92-93; 1809a, 348-349 (in *Rana temporaria*, *R. bufo*, *R. arborea*, *R. esculenta*); 1819a, 90-91 (in *Bufo igneus*, *B. cinereus*), 358-359, 589, 793.—Baillet, 1866b, 96 (of Nitzsch).—Ben., 1858a, 1861a, 81-84, 171, 203, 215 (syns. *Plan. subclavata*, *Dist. subclavatum*, *Diplodiscus subclavatus*, *Dip. diesingii*, *Diplocotyle mutabile*).—Bettend., 1897a, 8, 37; 1897, 312.—Blainv., 1828a, 53.—E. Bl., 1847a, 316-317, pl. 14, fig. 1.—Brand., 1891d, 17.—Braun, 1892a, 592, 798; 1893a, 845, 848, 851, 852, 854, 858, 864, 869, 874, 879; 1893b, 177, 179, 180, 182; 1895b, 11.—Bremser, 1824c, pl. 8, figs. 30-31; 1824, 133.—Cobbold, 1872b, 91 (to *Diplodiscus*); 1879b, 49, 452, 454.—Crep., 1839a, 286.—Creutzburg, 1890a, 21.—Darr, 1902a, 678, 688.—Dies., 1836d, 237, 238, 240, 253 (to *Diplodiscus*); 1850a, 318 (in *Dendrohyas viridis*, *Rana temporaria*, *Pelophylax esculentus*, *Phryne vulgaris*, *Bufo viridis*, *Bombinator igneus*, *Leptodactylus sibilatrix*); 1858e, 360, 1859c, 435.—Duj., 1845a, 336, 339 (in *Rana esculenta*; Rennes).—Erc., 1881e, 57 (embryo), pl. 2, fig. 9; 1882a, 293.—Fil., 1837a, 338 (syn. *Diplodiscus subcl.*); 1854a, 6; 1855b, 13-17, pl. 2, figs. 14-16 (in *Planorbis vortex*; Moncalier); 1857c, 32.—Fischder., 1903h, 487 (to *Diplodiscus* by Dies.).—Fraip., 1880c, 419.—Gerv. & Ben., 1859b, 212.—Gronkowski, 1902a, 515 (8).—Hoyle, 1890, 539.—Ijima, 1884c, 638.—Kitt, 1885a, 148.—Knoch, 1894a, 10.—Lamarck, 1816b, 189.—Lamoureux, 1822a, 297 (*Amphistome*).—Lang, 1892a, 81-89, 1 fig. (syn. *Diplodiscus subcl.* Dies.) (*Cerc. of*); 1893a, 479.—Lejtenyi, 1881a, 5, 8, 10, 18, 20.—Leuck., 1863, 82, 488, 491; 1879, 107; 1886d, 80.—Levin., 1881a, 63, 69.—Looss, 1892b, 147-167, 1 fig., pls. 19-20 in text (devel-

AMPHISTOMA—Continued.

- opment); 1894a, 8, 85, 117, 133, 136, 137, 142, 146, 150, 169, 178, 206, 227, 234, 237, 248; 1894d, 17, 21, 22; 1896b, 17, 31, 138, 171, 172, 178, 179, 180, 181, 182, 183, 188, 189, 190; 1901, 441; 1902m, 438, 444 (Cerc. *diplocotylea*).—Macé, 1882, 12.—Mont., 1888, 39, 49, 50, 73, 78; 1891, 117; 1893, 68, 160, 205.—Moul., 1856a, 18, 20 (eye of Cerc.), 47 (embryo, 125 μ), 50, 125 (eye of Cerc.), 208–211, pl. 6, fig. 10 (Cerc.=*Diplodiscus diesingii* (in *Planorbis vortex*), 212.—Mueller, ———.—Nitzsch, 1819, 398–399 (syn. Plan. subcl. Gœze).—Nord., 1840, 627 (syns. Plan. subcl., *Fasciolaria ranæ* Gmelin, *Diplodiscus* subcl. Dies.).—Olfers, 1816, 45, 48.—Pag., 1857, 25, 26, 49–50, 52, pl. 6, figs. 5–9 (in braunen Frosche).—Poir., 1885, 102.—Risso, 1826, 262.—Roosbach, 1906, 368, 369, 375, 392, 394, 402, 405, 408, 413, 414, 423, 429, 431.—Sieb., 1835, 56, 57, 67, 70; —, v. 1, 160.—Slawikowski, 1819, 49.—Sons., 1884, 59, 60, 61; 1893, 187 (subclavatum) 188 (in *Rana temporaria*), 189 (in *Triton cristatus*, *Rana esculenta* L.).—Ssinitzin, 1904, 768, figs. a, b; 1906, 684.—Stephens, 1906, 10.—Tennent, 1906, 650.—Villot, 1878, 6.—Wagener, 1857, 26, 27.—Walter, 1858, v. 1, in 268–297, pls. 11–13; 1866, 64–65.—Westrumb, 1823, 396.—Zed., 1803a, 198, pl. 3, fig. 3.
- subclavatum* Rud. of Staff., 1900, 405, 412 (“rectum of frogs, chiefly of the small grass frogs;” Canada); 1905, 689–690 (*Rana virescens* Kalm, *R. catesbiana* Shaw; Canada), renamed *Diplodiscus temperatus*.—Looss, 1885b, 24.
- subclavatum* Sons., 1893, 187, for *subclavatum*.
- subtriquetrum* Rud., 1814a, 100 (Castor fiber; Berlin, May); 1819a, 91–92, 360–361, 577, 589, 793.—Blainv., 1828, 583.—Bojanus, 1821, 164, pl. 2, figs. 5–12.—Braun, 1892a, 578, 601, 608, 680, 681, 694, 746; 1893a, 905.—Bremser, 1824c, pl. 8, figs. 32–33.—Civinini, 1842, ———.—Cobbold, 1879, 317.—Crep., 1837, 313, 323; 1841, 80.—Dies., 1836d, 238, 244, 245, 246, 248–249, pl. 23, figs. 7–9 (in Castor fiber) (syn. Dist. *amphistomoides*); 1850a, 402 (syn. Dist. *amphistomoides*).—Duj., 1845a, 331–332.—Eichwald, 1829a, 249.—Fischer, 1840, 157.—Fischder., 1901, 373; 1902a, 41, 42 to *Cladorchis* (*Stichorchis*); 1903h, 506, 507.—Kuech., 1855, 192.—Lamouroux, 1822a, 297.—Leidy, 1888, 126.—Leuck., 1863, 460.—Macé, 1882, 9.—Mol., 1859, 849 (in Castor fiber).—Nitzsch., 1819, 398, 399.—Nord., 1840, 547.—Olfers, 1816, 47.—Otto, 1896, 105–108, fig. 8.—Schmalz, 1831, 24, 27.—Sieb., 1835, 64, 65.—Slawikowski, 1819, 52.—Sons., 1895, 184, 187, fig. 7.—Westrumb, 1823, 397.—Also reported for *Arvicola campestris*, *Fiber zibethicus*.
- subtriquetrum giganteum* Kuech., 1855, 192.
- sylvix* Rud., 1819a, 675 (*Sylvia cyanea*; Brazil), 793.—Dies., 1836, 253.—Westrumb, 1823, 398.
- tadornæ* Rud., 1819a, 89 (for *A. anatis tadornæ* and syn. of *A. isostomum*), 793.
- tanagræ* Rud., 1819a, 674–675 (*Tanagra tatarica*; Brazil), 793.—Dies., 1836, 253.—Duj., 1845a, 335.—Westrumb, 1823, 397.
- tenuicollis* Westrumb, 1823, 391–392, pl. 5, fig. 2 (*Falco rufus*).—Dies., 1850a, 316 (to Holost.); Mus. Cat. Vien.
- truncatum* Rud., 1819a, 91, 359–360 (in *Phoca vitulina*; Berlin and Vratislaviæ), 793.—Anacker, 1888b, 314; 1892c, 94.—Baillet, 1866b, 105 (syn. of Dist. *conus*).—Braun, 1892a, 578, 586; 1893a, 875, 905; 1893, 348, 349, 350; 1893d, 467 (in *Phoca* sp.); 1893f, 382, 383, 384, 385, 386, 389, 424, fig. 1; 1893g, 802 (syn. of Dist. *conus* Crep.).—Cobbold, 1875n, 819; 1879b, 307, 313.—Crep., 1839, 286.—Dav., 1877a, lxxx.—Dies., 1836, 238, 252, pl. 24, figs. 13–15; 1850a, 404; 1858e, 350 (syn. of Dist. *conus*), 358 (in *Phoca grœnlandica*).—Duj., 1845a, 331.—de Jong, 1896a, 3, 4, 5.—Lamouroux, 1822a, 297.—Linst., 1878, 44.—Mol., 1859, 849 (in *Felis catus*).—Mont., 1889, 321.—Verrill, 1870, 175, 220.—Ward, 1895, 341 (in *Canis familiaris*).—Westrumb, 1823, 397.—Zuern, 1882, 223.
- truncatum* of Dies., 1850a, 404 (in *Felis catus*); 1858e, 332 (syn. of Dist. *lanceolatum*).—Kitt, 1885a, 148 (in cat).—Sons., 1889, 281 (syn. of Dist. *conus* Crep.).—Stoss., 1892, 25 (syn. of Dist. *conus* Crep.).
- trunkatum* Schneidemuehl, 1896, 303, for *truncatum*.
- tuberculatum* Cobbold, 1875n, 819 (in ox; India); 1879b, 332.—Fischder., 1902a, 49 (in *Bos taurus*; India).—Stiles, 1898a, 67, 140.—Ward, 1895, 332 (in *Bos taurus*).
- unciforme* Rud., 1819a, 674 (*Oriolus cristatus*; Brazil), 793.—Braun, 1892a, 578; 1893a, 905.—Dies., 1836d, 238, 252–253, pl. 24, figs. 16–18; 1850a, 404.—Duj., 1845a, 335.—Westrumb, 1823, 397.

AMPHISTOMA—Continued.

unguiculatum Rud., 1819a, 91, 360 (Triton palustris; Berlin), 793.—Baird, 1853a, 44 (syn. of *A. subclavatum*).—Crep., 1839a, 286.—Dies., 1836d, 237, 254; 1850a, 319 (to *Diplodiscus*).—Fischder., 1903h, 487 (to *Diplodiscus* by Dies.).—Lamouroux, 1822a, 297.—Nitzsch, 1819, 399 (in *Wassersalamander*).—Westrumb, 1823, 397.

urnigerum Rud., 1819a, 89, 356–357 (in *Rana esculenta*; Mus. Vien.), 793.—Baird, 1853a, 49 (to Holost.).—Blainv., 1828a, 583.—Braun, 1892a, 796.—Bremser, 1824c, pl. 8, figs. 24–27.—Crep., 1825a, 41–45, 83.—Dies., 1850a, 318 (syn. of *Codonocephalus mutabilis*; type of *Codonoc.*).—Duj., 1845a, 378, 379 (to Holost.) (in *Rana esculenta*; Paris).—Lamouroux, 1822a, 297.—Moul., 1856a, 16 (type of *Codonocephalus* Dies., 1850).—Nitzsch, 1819, 400.—Sons., 1893, 190 (syn. of *Cod. mut.* Dies.).—Westrumb, 1823, 394.

vallei (Stoss., 1899) Looss, 1902m, [418], 430 (to *Lophotaspis*), 890; the reference on p. 890 (index) is apparently a lapsus for *A. spinulosum*.

variiegatum Crep., 1825a, 38–39, figs. 4–6 (in *Larus marinus*; Greifswald); 1846, 139, 140, 146.—Dies., 1850a, 315 (to Holst.).—Duj., 1845a, 376.

watsoni Conyngham, 1904, Aug. 13, 464, Aug. 15, 252, Aug. 27, 355; 1904, Sept. 17, 663, figs. 1–2 (in *Homo*; Africa); 1904, Sept. 29, 1480; 1904, Oct. 8, 710; 1904, Sept. 8, 1092.—Shipley, 1905, 8 (syn. of *Cladorchis watsoni*); original patient in Zola (Nigeria) came from Adamawa, German West Africa.

AMPHISTOMÆ Mont., 1888a, 18.

AMPHISTOMATA Bojanus, 1817b, 275, 276.

AMPHISTOMATIDÆ Gamb., 1896a, 73.

AMPHISTOME Lamouroux, 1822a, 297, for *Amphistoma*.

AMPHISTOMEÆ Zuern, 1882, 113.—Brand., 1888, 49.—Braun, 1893a, 886.—Mont., 1888a, “mihi,” 7, 11, 12, 14, 15, 16, 18, 34, 36, 38, 41, 51, 52, 56, 57, 60, 90, 91, 102, 103; 1892, Oct. 7, 195.

AMPHISTOMIDÆ E. Bl., 1847a, 309.—R. Bl., 1895, 730.—Brand., 1890a, 576.—Braun, 1893a, 886, 890, 895, 900, 904; 1895b, 136.—Cobbold, 1877, 235; 1879b, 4.—Cohn, 1904, 242.—Fischder., 1901, 367; 1902a, 8 (renamed *Paramphistomidæ*; 1903h, 489, 490 (syn. of *Paramphistomidæ*).—Kholodk., 1898, 25, 33.—Looss, 1899, 541, 542, 543.—MacCallum, 1905, 667.—Mont., 1888a, “mihi,” 21, 90, 91, 103, 108; 1892, Oct. 7, 214 (f. of *Malacocotylea*); 1893, 82.—Muehl., 1898, 20.—Nickerson, 1902, 612.—Poir., 1883, 74; 1885, 147.—Schneidemuell., 1896, 295.—Sons., 1895, 184, 185, 186.—Stiles, 1898a, 22, 24, 27, 64.—Stiles & Hass., 1898, 87.—Zuern, 1882, 113.

1895: *Amphistomidi* Sons., 1895.

[AMPHISTOMINA Lankester, E. R., 1890, 846 (f. of *Gromiidea*, Protozoa).]

AMPHISTOMINÆ Mont., 1892, Oct. 7, 214 (subf. of *Amphistomidæ*).—Braun, 1893a, 890.—Looss, 1899, 541, 543.—Not *Amphistominae*, subf. of *Gromidæ* (Protozoa), see Calkins, 1901b, 106.

AMPHISTOMULUM Brand., 1892b, Oct. 7, 510 (proposed as an artificial collective group to contain immature amphistomes).—Stiles, 1902, 28, 48.

AMPHISTOMUM Nitzsch, 1819, 397.—Crep., 1825a, 35 (for *Amphistoma*, q. v.).

[AMPHITYPIE, a term, not a zoological name, see Looss, 1902m, 789–792.]

AMPHYSTOMA Rud., 1803a, 29 (for *Amphistoma*, q. v.)

ANADASMUS Looss, 1899b, 568–569 (m. *amphiorchis*) [not *Anadasmus* Walsingham, 1897, insect]; 1900d, 601, 602 (renamed *Orchidasma*); 1902m, 839.—Braun, 1901b, 20.—Luehe, 1901, 488.—Stiles, 1901, 185, 189, 191.

amphiorchis (Braun, 1899) Looss, [1899b, 568, 569]; 1902m, 463 (to *Orchidasma*).

ANAPORRHUTINÆ Looss, 1901, 205 (subf. of *Fasciolidæ*); 1901, 558; 1902, 479, 485, 844, 862–863 (diagnosis).—Odhn., 1902, 65, 68.—Pratt, 1902a, 888, 901 (key) (includes *Anaporrhutum*, *Plesiorchorus*; related genus *Callodistomum*).

ANAPORRHUTUM Ofenheim, 1900, 145–186 (type *albidum* Brand., designated by Looss, 1900b, 204).—Braun, 1902b, 23.—Darr, 1902, 652.—Looss, 1901b, 204, 205, 209; 1901i, 557, 558; 1902m, 479, 480, 481, 482, 484, 485, 526, 621, 813, 814, 844, 848, 851, 852, 853, 854, 855, 857 (*Anaporrhutine*), 858, 859, 860, fig. B. V, 863 (diagnosis).—Odhn., 1902, 65, 67.—Pratt, 1902a, 888, 900 (key), 901 (key).

ANAPORRHUTUM—Continued.

- albidum* Brand. in Ofenheim, 1900, 145–186, figs. 1–4 in text, pl. 3, figs. 1–8 (in body cavity and pericardium of *Aëtobatis narinari*, in Pacific).—Hollack, 1902a, 868.—Looss, 1901b, 204 (type of genus), 206, 209; 1901l, 557; 1902m, 479, 482, 483, 484, 620, 622, 623, 624, 625, 628, 791 (Amphitypie), 844, 848, 851, 852, 855, 857, 863.—Odh., 1902, 154.
- ricchiardii* (Lopez, 1888) Looss, 1901b, 204, 206, 209; 1901l, 557, 558; 1902, 479, 482, 483, 484, 621, 622, 791 (Amphitypie), 844, 848, 852, 853, 854, 855 (to *Probolitrema* as type).
- ricchiardii* (Lopez of Ofenheim) Looss, 1902m, 479, 482, 483, 484, 621, 622, 852, 854, 855 (renamed *Probolitrema capense*).
- richiardi* of Ofenheim, 1900, 169–180, 178, 179, 180, 185, 186, pl. 3, figs. 9–12 (in *Scyllium* sp., Atlantic, near Kapstadt).—Odh., 1901, 61; 1902, 61.
- ANCHITREMA Looss, 1899b, 637 (m. sanguineum); $\alpha\gamma\chi\chi$, near related; 1901b, 200; 1902m, 839.—Klein, 1905, 78; 1905, 20.—Luehe, 1901, 487.—Odh., 1902, 41.—Ofenheim, 1900, 183.—Pratt, 1902a, 889, 905 (key).
- mutabile* (Mol., 1859) Rizzo, 1902, 27–28, fig. 1 (*Ascalobotes mauritanicus*, *Lacerta agilis*).
- sanguineum* (Sons., 1894) Looss, 1899b, 637; 1902m, 492, 818, 823.—Heymann, 1905, 97.—Luehe, 1900aa, 565, 566.
- ANCYROCEPHALUS Crep., 1839a, 292 (m. paradoxus).—Cérif. 1895h, 918; 1896, 514.—Dies., 1850a, 416; 1858e, 314, 368 (f. *Polycotylea*, subf. *Aplacocotylea*).—Mont., 1903, 336 (syn. of *Tetraonchus*).—Stiles & Hass., 1905b, 85.
- paradoxus* Crep., 1839a, 292 (in *Perca lucioperca*); 1846, 155.—Dies., 1850a, 416 (Greifswald, Vienna, Gedani); 1858e, 368, pl. 1 (in *Lucioperca sandra*).—Duj., 1845a, 654 (in *P. luc.*).—Kroyer, 1838–40a, 579 (in *Lucioperca sandra*).—Mont., 1888, 90; 1889, v. 3(2), 113–116 (syn. of *Tetraonchus unguiculatus* Wagener; in *Lucioperca sandra*, *Perca fluviatilis*); 1889, 26 Oct., 516–517; 1891, 109; 1893, 113–116.—Sieb., —, 298.—Tasch., 1879, 238, 264 (syn. of *Tetraonchus unguiculatus* Wagener).
- ANCYROCOTILE Massa, 1903, 252, for *Ancyrocotyle*.
- ANCYROCOTYLE Par. & Mont., 1903, v. 7 (1), 117–123, pl. 3, figs. 1–6 (m. *vallei*); 1904, May 17, 280.—Massa, 1903, 252 (*Ancyrocotile*); 1906, 44, 48.—Mont., 1903, 335 (subf. *Ancyrocotylinae*; f. *Tristomidae*).
- vallei* (Par. & Perugia, 1895) Par. & Mont., 1903, 117–121, pl. 3, figs. 1–6 (*Naucrates ductor*).
- ANCYROCOTYLINÆ Mont., 1903, 335 (subf. of *Tristomidae*).
- ANGIODICTGUM Looss, 1902m, 648 (misprint for *Angiodictyum*).
- ANGIODICTYIDÆ Looss, 1902m, 484, 617–684 (anat. histol.) 683 (diagnosis, key to genera), 699, 843 (contains *Deuterobaris*, *Octangium*, *Microscaphidium*, *Angiodictyum*, *Polyangium*).
- ANGIODICTYUM Looss, 1902m, 433, 632, 634, 639, 641, 642, 645, 647, [648], 652, 657, 658, 659, 665, 666, 668, 675, 679, 681, 683, 684, 688–689 (diagnosis, m. *paralelum* [Looss]), 691, 698, 699.
- 1902: *Angiodictyum* Looss, 1902m, 648.
- parallelum* (Looss, 1901) Looss, 1902m, 632, 689–690, 696, 698, pl. 29, figs. 134–136, pl. 30, figs. 137–142.
- ANISOCCLADIUM Looss, 1902e, 637, new name for *Anisogaster* Looss, 1901, 658 (not *Anisogaster* Deyr, 1863, coleopteron), hence type *fallax*; 1902m, 789.
- fallax* (Rud., 1819) Looss, 1902m, 789.
- ANISOCELIINÆ Looss, 1901e, 658.
- ANISOCELINÆ Pratt, 1902a, 888, 894 (key), 899 (for *Anisoceliinae* Looss) contains *Anisocellium* and *Anisogaster*.
- ANISOCELIUM Luehe, 1900, 504–507 (m. *capitellatum*).—Looss, 1901, 656, 658, 659; 1901, 206.—Odh., 1905, 314.—Pratt, 1902a, 888, 895 (key), 899.
- capitellatum* (Rud., 1819) Luehe, 1900, 504–507, 508; 1901, 399.—Hollack, 1902a, 868.—Looss, 1901, 656–658, 659, 660, fig. 12; 1902, 789.—Stoss., 1901, 97 (in *Uranoscopus scaber*) (9).
- ANISOCOTYLINÆ Mont., 1903, 336 (f. *Monocotylidae*); 1904, 118; 1905, 70, 71; 1905, 117.

ANISOGASTER Looss, 1901e, 658 (tod. fallax Rud.) [not Anisogaster Deyr, 1863, coleopteron]; renamed Anisocladium Looss, 1902e, 637; 1902e, 789.—Pratt, 1902a, 888, 894 (key), 899.

fallax (Rud., 1819) Looss, 1901e, 658–660, 661, fig. 13.

gracilis Looss, 1901e, 660–661, fig. 14 (in *Uranoscopus scaber*; Triest).

“ANOICTOSTOMA Stoss.” of Braun, 1899, 789, for Anoiktost. 1901b, 34; 1901f, 568; 1902b, 28, 30, 31.

planicolle (Rud., 1819) Braun, [1901f, 567;] 1902b, 28–31, fig. 20 (syns.: Dist. planicolle Rud., 1819; Duj., 1845; D. (Echinost.) planicolle Brand., 1892; Monost. echinostomum Dies., Mont.).

ANOIKTASTOMA Pratt, 1902a, 888, 894 (key), for Anoiktost.; related to Centrocestinae.

ANOIKTOSTOMA Stoss., 1899, 11, 15–16 (*coronatum*=*corvinæ*=*alloysiæ*).—Looss, 1899b, 580, 581, 582, 583 (tld. *coronatum*=*corvinæ*=*alloysiæ*), 625.

1899: Anoictostoma Braun, 1899, 789.

1901: Anoiktostoma Vaullegeard, 1901, 143.

1902: Anoiktastoma Pratt, 1902a, 888, 894 (key).

alloysiæ (Stoss., 1885) Stiles & Hass., 1908, 99.

cesticillus (Mol., 1858) Stoss., 1899, 15 (includes Dist. *bicoronatum* Stoss., 1883, 113, pl. 1, figs. 1–3) (in *Corvina nigra*, *Umbrina cirrhosa*, *Lophius piscatorius*, *Zeus faber*).—Looss, 1899b, 576 (type of *Stephanost.*).

coleostomum (Looss, 1896) Stoss., 1899, 15.—Looss, 1899b, 585 (type of *Ascocotyle*).

coronarium (Cobbold, 1861) Stoss., 1899, 16 (int. of *Alligator mississippiensis*).—Looss, 1899b, 578 (to *Acanthost.*); 1901 (to *Acanthochasmus*).

coronatum (Wagner, 1852) Stoss., 1899, 15 (including Dist. *corvinæ* and Dist. *alloysiæ* Stoss.) (int. of *Corvina nigra*); [name not available, see *corvinæ*] (type by designation of Looss, 1899b, 583).

corvinæ (Stoss., 1886) (type by designation, Looss, 1899b [581–583], [see *alloysiæ* 1885]).

cuspidatum (Looss, 1896) Stoss., 1899, 15 (int. of *Milvus parasiticus*; Egypt).—Looss, 1899b, 584 (to *Centrocestus* as type).

fallax (Rud., 1819) Stoss., 1899, 16 (intest. of *Uranoscopus scaber*.—Type of *Anisogaster*, 1901; type of *Anisocladium*, 1902.

hystrix (Duj., 1845) Stoss., 1899, 15 (stomach of *Lepidoleprus trachyrhynchus*, *Lophius piscatorius*, *Merlangus carbonarius*, etc.).—Looss, 1899b, 576 (to *Stephanost.*).

imbutiforme (Mol., 1859) Stoss., 1899, 16 (intest. of *Labrax lupus*).

inflatum (Mol., 1859) Stoss., 1899, 16 (as doubtful) (intest. of *Anguilla*).

lydiæ (Stoss., 1896) Stoss., 1899, 15 (intest. of *Orthogoriscus mola*).—Looss, 1899b, 576 (to *Stephanost.*).

planicolle (Rud., 1819) Braun, [1901e, 567 (sub *Anoictost.*);] 1902b, 28, fig. 20 (includes Dist. planicolle Rud., 1819a, 687; Duj., 1845a, 430; Monost. echinostomum Dies., 1850a, 326; Mont., 1892, 30; Dist. (Echinost.) planicolle of Brand., 1892, 506).

pristis (Deslongchamps, 1824) Stoss., 1899, 15 (intest. of *Gadus euxinus*).—Looss, 1899b, 576 (to *Stephanost.*).

scabrum (Mueller, 1788) Stoss., 1899, 16 (intest. of *Gadus morrhua*, *Merlangus pol-lachius*, *Lota molva*).—Looss, 1899b, 582 to D. (*Hemiusurus*).

sobrinum (Levin., 1881) Stoss., 1899, 15 (intest. of *Cottus scorpius*).—Looss, 1899b, 576 (to *Stephanost.*).

spiniceps (Looss, 1896) Stoss., 1899, 15 (in intest. of *Bagrus bayad*).—Looss, 1899b, 578, 582 (to *Acanthosomum* as type).

ANOITOSTOMA Vaullegeard, 1901, 143 (misprint for Anoiktost.).

ANOPLDISCUS Sons., 1890, 172 (m. *richiardii*); 1891, v. 15, 147–148.—Braun, 1891d, 422; 1893a, 890.—Gamb., 1896a, 73.—St.-Remy, 1898, 522, 524.—Mont., 1892, Oct. 7, 213 (g. of *Calceostominae*); 1903, 336 (subf. *Anisocotylinæ*); 1905, 65, 66, 68, 70.—Pratt, 1900a, 646 (key), 654.

richiardii Sons., 1890, v. 7, 16. Nov., 172 (t. h. *Pagrus orphus*); 1891, v. 15, 147–148.—Braun, 1891d, 422.—Mont., 1891, 108; 1905, 65–68, figs. 1–3 (host *P. orphus*).—Par., 1894, 138, 672, at Pisa.

ANTHOCOTILE Par. & Perugia, 1890, 11, 13, for Anthocötyle.

ANTHOCOTYLE Ben. & Hesse, 1863; 1864, 96, 104 (m. merluccii).—Braun, 1890a, 413, 415, 516, 517, 523, 534, 536, 546; 1893a, 890.—Cerf., 1895d, 476–478; 1895e, 510–527, 1 pl., figs. 1–9; 1895g, 536; 1895h, 913, 918, 920; 1896b, 422–423; 1896d, 497–510, 514, 515; 1899a, 345, 391.—Gamb., 1896a, 73.—Hoyle, 1890, 539 (“one species (A. merluccii) found in the hake”).—Mont., 1888a, 11, 66, 86, 89, 99; 1892, Oct. 7, 213 (subf. of Octocotylinæ); 1903, 336, (subf. Diaphorocotylinæ).—Pratt, 1900a, 646, 653 (key), 656, fig. 37.—St.-Remy, 1898, 556.—Scott, 1901, 148.—Sons., 1895, v. 6 (6), 118–121; 1896, June 4, 790.—Tasch., 1879, 69; 1879, 238, 247.

merluccii Ben. & Hesse, 1863; 1864, 105, pl. 10, figs. 8–12 (in *Merluccius vulgaris*).—Cerf., 1895e, 510, 511–525, figs. 1–8; 1896, 497, 500, 510; 1896, 498–509.—Par. & Perugia, 1890, 7.—Pratt, 1900a, 656, fig. 37, 657.—Scott, 1901, 148, pl. 8, fig. 4 (in *Merluccius merluccius*; Aberdeen); 1905, 117.—Staff., 1904, 482 (gills of *Merluccius bilinearis* Mit.; Canada).

merluccii Tasch., 1879, 247 (for *merluccii*)—Braun, 1900a, 419, 453, 510, 536, 548, 551.—Hoyle, 1890, 539.—Mont., 1888, 7, 8.—Sons., 1895, 118, 119, 120.

(A)POBLEMA Duj., 1845a, 383, 389, 420, as subg. of Dist.; raised to generic rank by E. Bl., 1847, 302. See Apoblema and Hemiusus. Type *appendiculatum*.

affine (Rud., 1819) Stoss., 1886, 44.—See *Derogenes*.

apertum (Rud., 1819) Duj., 1845a, 422.

appendiculatum (Rud., 1802) Duj., 1845a, 420–421.—Braun, 1891d, 423. See Apoblema.

caudiporum (Rud., 1819) Duj., 1845a, 422. See *Lecithochirium*.

crenatum (Mol., 1859) Stoss., 1886, 58. See Apoblema.

excisum (Rud., 1819a) Stoss., 1886, 58. See Apoblema.

grandiporum (Rud., 1819a) Stoss., 1886, 63. See Apoblema.

labri rupestris (Olss., 1876) Stoss., 1886, 51.

mollissimum (Levin., 1881) Stoss., 1886, 58. See Apoblema.

ocreatum (Rud., 1802) Duj., 1845a, 422–423.—Type of *Pronopyge*, 1899. See Apoblema.

raynerianum (Nardo, 1827) Stoss., 1886, 58.

rufoviride (Rud., 1819a) Duj., 1845a, 421. See Apoblema.

toratum (Rud., 1819a) Duj., 1845a, 421–422. See Apoblema.

ventricosum (Rud., 1819) Stoss., 1886, 59. See Apoblema.

APOBLEMA (Duj., 1845) E. Bl., 1847, 302–303 (*appendiculatum*).—Bettend., 1897a, 17; 1897, 321.—R. Bl., 1891, 609.—Brand., 1891b, 267; 1891d, 19, 20.—Braun, 1891d, 423; 1892a, 570, 590, 603, 608, 641, 682, 710, 713, 715, 720, 721, 744; 1892h, 728, 729; 1893a, 838, 879, 885, 886, 890, 893, 894, 909, 911; 1895, 128, 138; 1899, 3; 1900h, 3.—Dies., 1850a, 331 (syn. of Dist.).—Hausmann, 1897b, 38.—Juel, 1889a, 46 pp., figs. 1–18 (anatomy); 1889b, 46 pp., figs. 1–18; 1890a, pp. 54–55.—Kath., 1894a, 130.—Looss, 1894a, 122, 129, 142, 170, 200, 201, 204, 224; 1894d, 42; 1896b, 122, 123, 125, 127, 134; 1899, 527, 535, 538, 542, 582, 637, 638, 729; 1902, 756, 839.—Luehe, 1900, 509; 1901, 394, 484.—Mont., 1888a, 92, 105; 1891d, 496, 522, 1 pl.; 1891e, 32 pp., 17 figs.; 1892, Oct. 7, 214 (gen. of Distominæ); 1891h, 742; 1893, 6, 27, 33, 34, 43, 53, 61, 84, 85, 86, 88, 90, 107, 123, 149, 151, 152, 153, 154, 182.—Nickerson, 1902, 609.—Ofenheim, 1900, 156, 179, 181.—Pratt, 1898, 352, 368, 375.—Stiles, 1901, 177, 178, 197.—Stiles & Hass., 1898a, 83, 90, 91 (syn. of *Hemiusus*).—Stoss., 1892, 4; 1898, 27. See *Hemiusus*.

1904: Apoblema Linst., 1904, 252, misprint.

appendiculatum (Rud., 1802) E. Bl., 1847, 302–303, pl. 12, fig. 3.—Barbagallo & Drago, 1903, 409 (in *Lichia amia*, *Lophius piscatorius*, *Cantania*; *Scomber colias*, *S. scomber*).—Braun, 1892a, 714.—Dies., 1850a, 371 (to Dist.).—Juel, 1889, 4, 5, 7, 8, 13, 19, 22, 23, 24, 25, 26, 27, 28, 30, 31, 32, 33, 34, 35, 36, 39, 41, fig. 17.—Lander, 1904a, 4, to (*Hemiusus*), 7, 14.—Looss, 1894a, 224; 1896, 123, 124, 125, 131–140, pl. 9, figs. 88–90 (in *Alosa finta*; Cairo).—Luehe, 1901, 396, 397, 399, 400.—Mont., 1891, 501, 502–508, 513, 516, 517, 518, 520, 521 (syns. D. app. Dies., 1858, D. *ventricosum* Wagener, 1860, D. *ocreatum* Olsson, 1868); 1891, 9; 1891, 502; 1891, 11, 12; 1893, 27, 61, 84, 95, 191, pl. 1, fig. 3.—Mueh., 1898, 21.—Odhn., 1905, 350, 351.—Par., 1902, 5 (in *Clupea alosa*, *Scomber colias*, *S. scomber*).—Pratt, 1898, 351–388, 3 pls. (anat., life history); 1900, 371.—Stoss., 1898, 28–29.—Also reported for *Acipenser sturio*, *Trutta salar*, *Pseudocalanus elongatus*.

APOBLEMA—Continued.

crenatum (Rud., 1802) Juel, 1889, 5, 7, 34.—Mont., 1893, 95.—Stoss., 1898, 27–28.
crenatum of Mol.—Juel, 1889, 5, 7, 34.—Mont., 1891, 520, 521, 522; 1893, 95.—
 Stoss., 1898, 27–28 (in *Merlucius esculentus*; Trieste).

excissum Mont., 1891, 520 (for *excisum*).

excisum (Rud., 1819) Juel, 1889, 5, 7, 8, 9, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 38, 39, 40, 41, figs. 1–16.—Braun, 1892, 48; 1892a, 607, 609, 711, 713, 744; 1892h, 728, 729.—Lander, 1904a, 7, 21, 24.—Looss, 1894a, 173, 210, 216, 224; 1896b, 133.—Luehe, 1898, 624.—Mont., 1891, 503, 517, 520 (*excissum*), 521, 522; 1893, 6, 7, 95.—Pratt, 1898, 356.—Par., 1902, 5 (in *Scomber colias*, *S. scomber*), 375.—Stoss., 1898, 28.

grandiporum Mol. See Mont., 1891, 521.

grandiporum (Rud., 1819a) Juel, 1889, 6, 7, 23, 29, 34.—Looss, 1896b, 123; 1899, 641 (to *Hemius*).—Mont., 1891, 520.

labri rupestris (Olss., 1876) Mont., 1891, 518, 522.

microporum (Mont., 1889) Mont., 1891, 516, 521.

mollissimum Mont., 1893, 96 (for *mollissimum*).

mollissimum (Levin., 1881) Juel, 1889, 6–7, 29, 34.—Jacoby, 1900, 3.—Lander, 1904a, 14, 20 (to *Hemius*).—Looss, 1896b, 121–130, 136, pl. 9, figs. 85–87 (in *Alosa finta*); 1899b, 641 (to *Hemius*), 728 (*H. bothryophorus*) (in *Alosa finta*; Egypt).—Mont., 1891, 520 (*mollissimum*), 521 (*mollissimum*); 1893, 95, 102, 105.—Odhn., 1905, 359 (of Looss, 1896, as syn. of *Lecithaster confusus*).—Ofenheim, 1900, 179.—Staff., 1904, May 3, 484 (of Levin., as syn. of *Lecithaster bothryophorus*).—Stoss., 1898, 29–30.

mollissimum Mont., 1891, 521 (for *mollissimum*).

mollissimum Mont., 1891, 520 (for *mollissimum*).

ocreatum (Olss., 1868 nec Rud.) Mont., 1891, 520.

ocreatum (Rud., 1802a) Juel, 1889, 4–5, 7, 31, 33, 34, 40.—Braun, 1891d, 423; 1892a, 643.—Lander, 1904a, 1 (of Juel, syn. of *Hemius crenatus* (Rud.)).—Looss, 1899b, 639 (=Dist. *carolinæ* Stoss., type of *Pronopyge*, 1899).—Luehe, 1901, 399.—Mont., 1891, 15; 1891, 501, 508–512, 514, 516, 521, pl. 4, figs. 1, 5, 7, 10, 11, 14, 15c (syns. *D. ventricosum* Ben., *D. carolinæ* Stoss., 1889); 1893, 508; 1893, 61, 84, 95, 98, 99, 102, 191, pl. 1, fig. 16.—Pratt, 1898, 352.—Stoss., 1898, 29.

rufoviride (Rud., 1819) Juel, 1889, 6, 7, 8, 13, 19, 22, 23, 24, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 39, 41, fig. 18.—Barbagallo & Drago, 1903, 409 (in *Anguilla vulgaris*, *Conger vulgaris*; Catania).—Braun, 1892a, 711.—Jacoby, 1900, 3.—Lander, 1904a, 7.—Looss, 1894a, 224.—Mont., 1891, 520, 521; 1893, 53, 95, 191, pl. 1, fig. 5.—Par., 1902, 5 (in *Anguilla vulgaris*, *Conger vulgaris*, *Nettastoma melanura*, *Rhombus laevis*, *Saurus griseus*, *Trigla cuculus*).—Stoss., 1898, 29.

scabrum (Mueller, 1788) Juel, 1889, 5.—Mont., 1891, 520.

stuiteri (Brock, 1886) Braun, 1892, 48; 1892h, 729; 1893b, 179.—Looss, 1894a, 234 (to *Eurycœlum*, type).

stossichi Mont., 1893, 87 (for *stossichii*).

stossichii Mont., 1891, 501, 502, 512–516, 520, 521, pl. 4, figs. 2, 3, 4, 8, 9, 13, 15a, 16, 17 (syn. Dist. *ocreatum* Mont., v. 1, p. 87 (in *Clupea aurita* Cuv., *C. pilchardus* Wall.); 1891, 19 (*D. ocreatum* p. p.); 1893, 53, 61, 95, 96.—Barbagallo & Drago, 1903, 410 (*stossichi*) (in *Alosa sardina*; Catania).—Jacoby, 1900, 3.—Luehe, 1901, 399.—Odhn., 1905, 351.—Stoss., 1898, 30.

tornatum (Rud., 1819) Juel, 1889, 6, 29, 31, 34, 40.—Looss, 1896, 125.—Mont., 1891, 516, 520, 521; 1893, 95.

ventricosum (Rud., 1819) Mont., 1893, 191.

[APOLEMA Hulst, see Zool. Rec., 1896, v. 33, Ins. 250.]

APOPLEMA Linst., 1904, 252 (for *Apoblema*).

APOROCOTYLE Odhn., 1900, 62–66 (m. simplex).

simplex Odhn., 1900, 62–66, 1 fig. (on gills of *Pleuronectes flesus* and especially *Pl. limanda*, the latter given as type host; Kristineberg, Sweden).—Mont., 1903, 335.

ASCOCÆLI Burm., 1837, 531.—Braun, 1890a, 515 (includes *Gyrodactylus*, *Hirudine*).—Mont., 1888, 83.—Tasch., 1879, 233.

- ASCOCOTYLE Looss, 1899b, Dec., 584–585, 586, 611 (tod. coleostoma); *ὁ ἀσκός*, Schlauch; *ἡ κοτύλη*, Napf; 1902m, 441, 824, 832, 833.—Braun, 1902b, 30.—Jägers., 1903a, 14.—Pratt, 1902a, 888, 894 (key).
- coleostoma* (Looss, 1896) Looss, 1899b, 582, 585, 699.
- minuta* Looss, 1899b, 585, 698–699 (in middle portion of small intest. of dogs and cats, in Cairo, Egypt, and in intest. of *Ardea cinerea* at Damietta; probably contracted from eating fish), 700, 701, fig. 23; 1901, 205.
- ASPIDOBOTHRIA Mont., 1888, 91 (f. for Aspidogaster); 1892, Oct. 7, 195.—Braun, 1893b, 188.
- ASPIDOBOTHRIDÆ Mont., 1888, 51 (Aspidobotridæ), 63, 67 (Aspidobothridæ), 71, 72, 90, 91 (Aspidobotridæ), 103, 107, 108; 1892, Oct. 7, 168 (revision), 195, 196, 197, 198 (diagnosis), 199 (key), 198–209, 213 (f. of Aspidocotylea); 1893, 36, 82, 114.—Braun, 1893a, 886, 888, 890, 891, 894, 895; 1893b, 188.—Gamb., 1896a, 73.—Kofoid, 1899, 179.—Nickerson, 1901, Mar. 8, 378; 1902, 597, 599, 606, 608, 612, 613, 614, 616.—Poche, 1907, 125.—Pratt, 1902a, 887, 891 (key); contains: *Macraspis*, *Stichocotyle*, *Aspidocotylus*, *Platyaspis*, *Cotyaspis*, *Cotylogaster*, *Aspidogaster*, *Lophotaspis*.—Stoss., 1898, 19 (Aspydbothridæ), 1899, 3, 4.
- ASPIDOBOTHRII Burm., 1856a, 252.—Braun, 1890a, 516; 1893b, 188.—Mont., 1888, 84, 107.—Poche, 1907, 125.—Tasch., 1879, 233, 258.
- ASPIDOBOTRIDÆ Mont., 1888, 52, 63, 91 (for Aspidobothridæ); 1892, Oct. 7, 213 (f. of Aspidocotylea).
- ASPIDOCOTYLEA Mont., 1892, Oct. 7, 213 (suborder of Trematoda, for Aspidobothridæ).—Braun, 1893a, 890, 891, 894, 895, 917; 1893b, 188; 1895, 136.—Gamb., 1896, 73.—Kofoid, 1899, 179.—Looss, 1899, 543.—MacCallum, 1902, 636.—Odhn., 1902, 43, 44, 45.—Pratt, 1900a, 645, 646 (included in *Digenea* of Ben.), 647 (key); 1902a, 887, 891 (key).—Schneidemuehl, 1896, 295.—Ward, 1903, 864.
- 1896: *Aspidocotylea* Schneidemuehl, 1896, 295.
- ASPIDOCOTYLE Dies., 1850a, 288, 413 (m. mutabile) for *Aspidocotylus*; 1858e, 314, 372.—Braun, 1890a, 546; 1893a, 887, 888, 890, 891, 892, 895, 904 (g. of *Amphisotimidæ*), 907, 918; 1893b, 188.—Burm., 1856a, 251.—Hoyle, 1890, 539.—Kofoid, 1899, 181.—Looss, 1902, 428.—Mont., 1888a, 89, 91; 1892, 207; 1892, Oct. 7, 196, 197, 198, 213 (g. of *Aspidobothridæ*).—Nickerson, 1902, 612.—Pratt, 1900a, 647.—Tasch., 1879, 256, 259–260.
- 1892: *Aspidocotyle* Mont., 1892, Oct. 7, 197, misprint.
- cochleariforme* (Dies., 1838) Mont., 1892, Oct. 7, 207–208, fig. 6 (in *Cichla temensis*; Rio Negro, Brazil) (syn. mutabile).
- mutabile* (Dies., 1839) Dies., 1850a, 413 (int. of *Cataphractus* n. sp.; Rio Negro, Brazil) (includes *A. cochleariformis* as syn.).—Braun, 1893a, 907 (in *Cichla temensis*; Brazil).
- mutabilis* (Dies., 1839) Dies., 1858e, 372 (in *Cichla temensis* Humboldt).—Tasch., 1879, 256, 260 (syns. *Aspidocotylus cochleariformis* Dies., *A. mutabilis* Dies.) (in *Cataphractus* sp.; Rio Negro).
- [ASPIDOCOTYLEEN Looss, 1902m, 418. German name.]
- ASPIDOCOTYLUS Dies., 1838a, 189; 1839a, 234 (m. mutabilis); 1850a, 413, renamed *Aspidocotyle*.—Braun, 1892a, 568; 1893a, 879, 884.—Cobbold, 1877f, 326; 1877, 235, 237, 238; 1879b, 360.—Crep., 1841, 82.—Duj., 1845a, 479.—Lejtenyi, 1881a, 2.—Nord., 1840, 601.—Pratt, 1902a, 887, 891 (key).
- 1850: *Aspidocotyle* Dies., 1850a, 288, 413 (m. mutabile).
- cochleariformis* Dies., 1838a, 189 (in *Cataphractus* N. 150); 1839a, 234; 1850a, 413 (syn. of *Aspidocotyle* mutabile).—Cobbold, 1877, 237.—Mont., 1892, Oct. 7, 207 (to *Aspidocotyle*).—Tasch., 1879, 260 (syn. of *Aspidocotyle* mut.).
- mutabilis* Dies., 1839a, 234, pl. 15, figs. 20–22 (in *Cataphractus*; Rio Negro, Brazil) *A. cochleariformis*, renamed; 1850a, 413 (to *Aspidocotyle*); 1858e, 372.—Braun, 1892a, 580.—Cobbold, 1877, 237, 238; 1879b, 360.—Crep., 1841, 82.—Duj., 1845a, 479.—Mont., 1892, Oct. 7, 207 (syn. of *Aspidocotyle* cochleariforme).—Nord., 1840, 601 (in *Cataphractus* sp.; Amériq. méridion.).—Tasch., 1879, 260 (to *Aspidocotyle*).
- sonsinoii* (Cobbold, 1877) Cobbold, 1877e, 238, to *Gastrodiscus*.
- ASPIDODASTER Mont., 1892, Oct. 7, 213, misprint for *Aspidogaster*.

- ASPIDOGASTER** Baer, 1826a, 124; 1827b, 525-557 (m. *conchicola*); 1828e, 671-678.—Ben., 1858a, 1861a, 11, 172, 345; 1882b, 14, 15, 16.—Bettend., 1897, 339.—Blainv., 1828, 584-585.—Blochmann & Bettend., 1895a, 216, 217.—Braun, 1890a, 480, 515, 516; 1890b, 127; 1892a, 568, 576, 586, 603, 614, 660, 671, 672, 673, 675, 688, 689, 704, 709, 711, 715, 716, 730, 731, 757, 758, 774, 775, 777, 779, 792, 843, 879, 884, 886, 887, 888, 889, 890, 891, 894, 896, 897, 917; 1893b, 177, 178, 179, 187, 188; 1894a, 1149; 1895, 26, 125.—Burm., 1837, 530; 1856a, 240, 252.—Carus, 1863, 478.—Cobbald, 1877, 238.—Crep., 1839, 285-286.—Dies., 1835c, 247; 1839a, 234; 1850a, 288, 414; 1858e, 314, 372-373; 1859c, 438.—Duj., 1845a, 324.—Eichwald, 1829a, 248.—Fraip., 1880c, 418, 443, 445.—Gamb., 1896, 63, 73.—Goldb., 1855a, 18.—Hoyle, 1890, 539.—Jackson, 1888, 642, 643, 646, 654.—Kofoid, 1899, 180, 181, 182, 183, 184.—Lander, 1904a, 5, 10.—Leuck., 1863, 489; 1879, 93, 119, 150, 151; 1886d, 70, 90, 117.—Looss, 1893b, 814; 1894a, 212; 1901, 625; 1902m, 428, 429, 430.—Mont., 1888, 12, 37, 38, 40, 43, 52, 56, 57, 63, 68, 71, 72 (*Asptdogaster*), 83, 84, 89, 91, 95, 103, 107; 1891, 121; 1892, Oct. 7, 170, 172, 175, 176, 180, 184, 185, 186, 187, 188, 189, 194, 195, 196, 197, 198, 199-205, 199 (syns.: *Monost. Rud.*, 1819a, 87; *Aspidonotus* Keber, 1851; *Cotylaspis* Leidy, 1857, 18), 199 (diagnosis), 200 (key), 213 (g. of *Aspidobothridæ*); 1893, 36, 111.—Moul., 1856a, 235.—Nickerson, 1902, 599, 603, 604, 605, 609, 610, 612, 614, 617, 619.—Nord., 1840, 603 (1. *conchicola*; 2. *limacoides*).—Pag., 1857, 6.—Par., 1894, 140.—Poche, 1907, 125.—Poir., 1885, 102; 1886, 20, 21.—Pratt, 1902a, 887, 892 (key).—Raspail, 1829, v. 22, 556-564.—Shipley, 1904, in 77-106.—Staff., 1900, 405, 412; 1903, 824.—Stoss., 1899, v. 19, in 1-6, 1. pl.—Tasch., 1879, 233, 255, 258 (syns. *Monost. Rud.*, *Aspidonotus* Keber).—Volz, 1899, 232.—Wagener, 1857, 25, 29.—Wallenstedt, 1847, 7.
- 1851: *Aspidonotus* Keber, 1851a, 19 (m. *conchicola*).
- 1888: *Asptdogaster* Mont., 1888, 72, misprint.
- 1892: *Aspidodaster* Mont., 1892, Oct. 7, 213, misprint.
- ascidiæ* Dies., 1858e, 373 (in *Mentula marina*, by Redi), sp. inq., based on Baer, 1827b, 549 (Redi's worm in *Ascidia mentula*).
- cochleariformis* (Dies., 1838) Cobbald, 1879b, 360 (syn. of *Cotylegaster cochleariform.*), lapsus, see *Gastrodiscus sonsinoii*.
- conchicola* Baer, 1826a, 124 (in *Anodonta*, Unio; Prussia); 1827b, 527-557, pl. 28; 1828, 671-678.—Aubert, 1855, 349-376, pls. 14-15 (anat., development).—Ben., 1858a, 1861a, 206, 210.—Bettend., 1897a, 25.—Blainv., 1828a, 584.—Blochmann & Bettend., 1895a, 216.—Braun, 1883a, 41; 1892a, 579, 592, 597, 598, 602, 631, 632, 637, 639, 640, 641, 642, 645, 655, 677, 678, 679, 687, 693, 699, 707, 712, 713, 715, 725, 731, 747, 749, 776, 780, 783, 790; 1893a, 841, 869, 870, 880, 883, 891, 897; 1893b, 183 (in *Vivipara unicolor*; *Cleopatra bulimoides*); 1893d, 468.—Burm., 1837, 530.—Crep., 1839, 286.—Dies., 1834a, 1231; 1835c, 423, 427; 1858e, 373 (in *Unio purpureus*, *U. nasutus*, *U. radiatus*, *U. cariosus*, *U. pictorum*, *Anodonta marginata*, *A. anatina*); 1859c, 438.—Duj., 1845a, 324-327.—Eichwald, 1829a, 248.—Fil., 1855b, 20; 1857c, 22, 27.—Fraip., 1880c, 418.—Gamb., 1896a, 63.—Gronkowski, 1902a, 515 (8) (*conchicole*).—Hoyle, 1890, 539, fig. 3f, 540 (description).—Jackson, 1888, 650.—Jagers., 1899, 203.—Kath., 1894a, 131.—Keber, 1851a, 19, 90.—Kofoid, 1899, 179, 180, 181, 182, 183, 184, 185.—Kuech., 1855, 184, 185; 1856c, 277.—Leidy, 1851b, 224; 1856b, 45; 1857a, 18; 1858a, 110 (*Anodonta fluviatilis* and *A. lacustris*; Phila.); 1877f, 260; 1904a, 53, 88, 108, 110, 111, 148.—Leuck., 1879, 149, figs. 48, 74; 1886d, 115, figs. 48, 74.—Looss, 1894a, 203; 1901, 624; 1902m, 420, 428.—Maclaren, 1904, 609.—Mont., 1888, 40, 43 (*conchiola*); 1891, 100, 103, 109, 121; 1892, Oct. 7, 172, 186, 188, 191, 195, 197, 198, 200-202, 203, fig. 2 (extensive bibliography); 1893, 111, 114.—Moul., 1856a, 13 (*conchycola*), 25, 144.—Mueh., 1898, 11.—Nickerson, 1902, 606, 614, 620 (in *Unionidæ*; Europe and N. America).—Nord., 1832a, 38; 1840, 603.—Odhn., 1902, 44, 45.—Pag., 1857, 35-36, pl. 4, figs. 1-5 (in *Anodonta anatina*).—Poir., 1886, 21.—Sieb., 1836, 217; 1836, 233; 1837, 263; 1838, 143, 144, 156.—Shipley & Hornell, 1904, 95, 98.—Staff., 1895, 22 July, 282-284; 1895, Oct., 536; 1896, 6 July, 477-542, pls. 36-39 (anat.); 1898, 698.—Steenstrup, 1842, 55.—Stoss., 1899, 3.—Tasch., 1879, 258-259 (syn. *Aspidonotus conchicola* Keber).—Voeltzkow, 1888, v. 8, 249-289, pls. 15-20.—Wagener, 1857, 25, 99, pl. 16, figs. 1-3; 1858, 383.
- conchicole* Gronkowski, 1902a, 515, for *conchicola*.
- conchilega* Braun, 1883a, 41, for *conchicola*.
- conchiola* Mont., 1888, 40, 43, for *conchicola*.

ASPIDOGASTER—Continued.

conchicola Dies., 1850a, 414 (for *conchicola*).

elegans (Olss., 1868) Mont., 1891, 122 (see 1888, 91); 1892, Oct. 7, 196.

insignis (Leidy, 1858) Braun, 1893a, 897.—Kofoid, 1899, 184.—Shipley & Hornell, 1904, 98.

lenoiri Poir., 1886, 20–22, pl. 1, figs. 1–3 (in *Tetrathyra vaillantii*; Sénégal).—Braun, 1892a, 580, 716; 1893a, 888, 891; 1893b, 188.—Kofoid, 1899, 181, 182, 184.—Mont., 1888, 42; 1891, 121, 122; 1892, Oct. 7, 198; 1893, 111.—Nickerson, 1902, 613.—Sons., 1896, 294.—Stoss., 1899, 4.

lenoirii Mont., 1888, 16, 38, 53, 54, 60, 71, 107 (for *lenoiri*).

limacoides Dies., 1834a, 1231; 1835c, 420–430, 1 pl., figs. 1–19 (in *Cyprinus dobula*, C. idus); 1850a, 414–415 (intest. of *Leuciscus idus*, L. *dobula*); 1858e, 373.—Braun, 1892a, 580; 1893a, 897.—Crep., 1839a, 286.—Duj., 1845a, 327.—Jackson, 1888, 650.—Kofoid, 1899, 184.—Kroyer, 1846–53a, 462 [671] (in *Leuciscus idus*).—Looss, 1902m, 420.—Mont., 1888, 71; 1891, 109, 121, 122; 1892, Oct. 7, 172, 195, 200, 202–203, fig. 3; 1893, 114.—Nickerson, 1902, 620 (in *Leuciscus* sp.; Europe).—Nord., 1840, 603.—Shipley & Hornell, 1904, 98.—Stoss., 1899, 3.—Tasch., 1879, 259 (in *Leuciscus idus*, L. *dobula*).—Voeltzkow, 1888, v. 8, 290–292.

macdonaldi Mont., 1891, 120; 1892, Oct. 7, 200, 203–204, fig. 4 [in Melo; Shark Bay, Australia].—Braun, 1893a, 870, 897; 1893d, 468.—Looss, 1901, 625; 1902m, 429, 430 (probably belongs to *Lophotaspis*).—Nickerson, 1902, 604, 620 (in Melo; Australia).—Shipley & Hornell, 1904, 98.—Stoss., 1899, 3.

macdonaldii Mont., 1891, 121, 122, for *macdonaldi*.

margaritifera Shipley & Hornell, 1904, 78, 90, 95–98, pl. 4, figs. 60–62, 66, 68, 69 (*Margaritifera vulgaris*; at Cheval Paar, Ceylon); 1905, 55.

ringens Lint., 1905, 327, 333, 367, 397, figs. 243–249 (in *Micropogon undulatus*, *Trachinotus carolinus*; Beaufort, N. C.).
sp. Braun, 1892a, 595.

vallei Stoss., 1899, 3–4, figs. 6–8 (in *Thalassochelys caretta*, at Corfù).—Looss, 1902m, 415, 418 (to *Lophotaspis* as type) (stomach of *Thalassochelys corticata*; Egyptian coast); 746.

ASPIDOGASTRIDÆ Poche, 1907, 125.

ASPIDOKOTYLEA Schneidemuehl, 1896, 295 (for *Aspidocotylea*).

ASPIDONOTUS Keber, 1851a, 19–20, 65, 66, 69, 90 (new name for *Aspidogaster*, hence type *conchicola*).—Braun, 1893a, 896.—Mont., 1892, Oct. 7, 199 (syn. of *Aspidogaster*).—Tasch., 1879, 258 (syn. of *Aspidogaster* Baer).

conchicola (Baer, 1826) Keber, 1851a, 19, 65, 66, 69, 90; 1854, 45.—Dies., 1858e, 373 (to *Aspidogaster*).—Mont., 1892, Oct. 7, 200, 201 (to *Aspidogaster*).—Tasch., 1879, 259 (to *Aspidogaster*).

ASPITOCOTYLE Mont., 1892, Oct. 7, 197 (for *Aspidocotyle*).

ASPTDOGASTER Mont., 1888, 72, misprint for *Aspidogaster*.

ASPYLOGASTER Mont., 1892, Oct. 7, 187 (for *Cotylogaster*).

ASTIA Looss, 1899b, 590–591, 592 (tod. *renifera*) [not *Astia* Koch, 1879, Arach.; *Astea*, *Asteia*, *Asteja*], ἀστειος, feingebildet; 1900, 602 (renamed *Astiotrema*).—Braun, 1901b, 37.—Pratt, 1903, 34.

impleta Looss, 1899b, 590, 703–705, fig. 26 (intestine of *Tetrodon fahaka*; in Nile, at Cairo, Egypt).—Braun, 1901b, 37.—Luehe, 1900, 561.

renifera (Looss, 1898) Looss, 1899b, 590.

ASTIOTREMA Looss, 1900, Dec. 3, 602, 607, *Astia* Looss, 1899 [not Koch, 1879, Arach.], renamed, hence type *renifera*; 1901, 560; 1902, 487, 505, 821.—Pratt, 1902a, 888, 899 (key).

erinacea (Poir., 1886) Stoss., 1904, 2 (in *Delphinus delphis*).

impleta (Looss, 1899) Stoss., 1904, 2 (in *Tetrodon fahaka*).

monticellii Stoss., 1904, 2–3, fig. 3 (in *Tropidonotus viperinus*; Naples).

renifera (Looss, 1898) Stoss., 1904, 2 (in *Trionyx nilotica*; Egypt).—Staff., 1905, Apr. 11, 693 (in *Trionyx nilotica*).

ASTOMUM Schlotthauber, 1860, 129 (m. *poricola*).

poricola Schlotthauber, 1860, 129 (in *Anas boschas*).

ASYMPHYLODERA Kowal., 1902d, 26 [8], misprint for *Asymphylodora*.

perlata (Nord., 1832) Kowal., 1902d, 26 (8).

- ASYMPHYLODORA Looss, 1899b, Dec., 598–599 (tod. perlata); *ἀσυμφυλος*, unlike; *ἡ δορά*, skin; 1902, 760.—Lucbe, 1900, 487; 1901, 488.—Ofenheim, 1900, 183.—Pratt, 1902a, 888, 902 (key) (related to Haplometrinæ).
1902: Asymphylodera Kowa¹. 1902d, 26, [8].
- exspinos* (Hausmann, 1896) Looss, 1899b, 598, 599.
- imitans* (Mueh., 1898) Looss, 1899b, 598.
- perlata* (Nord., 1832) Looss, 1899b, 598, 599.—Odhm., 1905, 322.
- ATHESMIA Looss, 1899b, Dec., 635–637 (m. heterolecithodes) [not Athetmia 1816, lepidopteron]; *ἀθεσμιος*, gesetzlos.—Braun, 1901b, 34; 1901h, 702.—Pratt, 1902a, 889, 904 (key).—Stiles, 1901, 189.
- heterolecithodes* (Braun, 1899) Looss, 1899b, 635; 1902, 789.—Braun, 1901h, 702.—Engler, 1904, 186.—Hollack, 1902a, 867, 868.
- AURIDISTOMUM Staff., 1905, Apr. 11, 690–691 (m. chelydræ); auris, ear.
chelydræ (Staff., 1900) Staff., 1905, 690 (in Chelydra serpentina; Canada).
- AXIME Moul., 1856a, 10, misprint.—Cosmovici, 1887a, 127 (for Axine).
- AXINE Abildg., 1794, 59–60 (m. belones) [not Oken, 1835, crustacean].—Ben., 1856e, in 643–654, 1 pl., figs. 1–21; 1858a, 1861a, 11, 52, 345.—Ben. & Hesse, 1864, 6, 96.—Braun, 1890a, 407, 414, 416, 420, 426, 437, 445, 448, 451, 453, 454, 458, 463, 468, 469, 483, 484, 485, 490, 492, 494, 498, 511, 515, 516, 517, 518, 523, 540, 541, 546; 1890b, 125; 1891d, 422.—Burm., 1837, 530; 1856a, 251.—Carus, 1863, 478.—Cerf., 1895h, 91; 1896, 514.—Cosmovici, 1887a, 127 (Axime).—Crep., 1839, 291.—Dies., 1850a, 290, 424, 425; 1858e, 315, 385–386.—Duj., 1845a, 317.—Gamb., 1896, 56, 73.—Goldb., 1855a, 19.—Goto, 1891a, 161, 169, 178, 183, 184; 1891c, 103; 1893a, 798.—Haswell, 1892a, 459; 1892b, 149; 1893e, 114.—Hoyle, 1890, 537, 539.—Ijima, 1884c, 638, 639.—Jackson, 1888, 642, 644, 645, 646, 647, 648, 654.—Juel, 1889, 33.—Kath., 1894a, 143, 152, 155.—Kerbert, 1881a, 573.—Kroyer, 1846–53a, 273; 1852–53a, 1221 (in Belone rostrata Fab.).—Looss, 1885b, 5, 10, 15, 17, 18; 1892, 72.—Lorenz, 1878a, in 405–436, pls. 31–33.—Mont., 1888, 11, 15, 34, 40, 52, 53, 59, 60, 61, 66, 83, 84, 86, 89, 101; 1893, 111; 1903, 336 (subf. Axininæ).—Moul., 1856a, 10 (Axime).—Par. & Perugia, 1890, 13.—Pratt, 1900a, 646, 653 (key), fig. 40.—St.-Remy, 1898, 562–563.—Stoss., 1898, 14.—Tasch., 1879, 40, 45, 56, 58, 61, 66, 69; 1879, 233, 255–256 (syn. Heteracanthus Dies.).—Wallenstedt, 1847, 7.—Ziegler, 1883, 557.
- 1856: Axime Moul., 1856a, 10.
- aberrans* Goto, 1894a, 198–199, pl. 7, figs. 5–6 (in Belone schismatorhynchus; Hagi, Japan).—St.-Remy, 1898, 563.
- belones* Abildg., 1794d, 59–60, pl. 6, fig. 3, a–b (in Belone acus).—Ben., 1856a; 1856e; 1857i; 1858a, 1861a, 52–54, 168, 169, 196 (in Esox belone); 1870, 80.—Blainv., 1828a, 568.—Braun, 1889k, 621; 1890a, 418, 424, 428, 436, 437, 443, 472, 477, 488, 494, 514, 541, 549, 550; 1891a, 52.—Crep., 1838b, 83–96 (syns. Heteracanthus pedatus, H. sagittatus); 1839a, 291; 1839, 163.—Dies., 1850a, 425 (syns. Heteracanthus pedatus, H. sagittatus); 1858e, 385–386; 1859c, 444.—Duj., 1845a, 317.—Goto, 1894a, 196.—Hoyle, 1890, 539, 540.—Juel, 1889, 36.—Kath., 1894a, 155.—Kroyer, 1846–53a, 273 (in Belone rostrata).—Lorenz, 1878, —.—Mont., 1888, 8, 15; 1890, 422; 1893, 111.—Moquin-Tandon, 1846, 13, 395.—Nord., 1840, 598 (syn. of Heteracanthus pedatus Dies.) (in Esox belone).—Oken, —, 357, pl. 10.—Par., 1902, 3 (in Belone acus, Exocoetus volitans; Portoferrajo).—Par. & Perugia, 1890, 8.—Sieb., 1839, 163.—Stoss., 1890, 44; 1890, 52; 1898, 14.—Tasch., 1879, 35; 1879, 256 (syns. Axine orphii Ben. & Hesse, Heteracanthus pedatus, H. sagittatus Dies.) (in Belone acus).—Ziegler, 1883, 545.—Also reported for Belone vulgaris.
- heterocerca* Goto, 1894a, 197–198, pl. 7, figs. 1–4, pl. 8 (on Seriola quinqueradiata; Japan).—Pratt, 1900a, 657, fig. 40.—St.-Remy, 1898, 563.
- orphii* Ben. & Hesse, 1863, 116; 1864, 116–117, pl. 12, figs. 19–27 (in Esox belone).—Braun, 1890a, 418.—Tasch., 1879, 256 (syn. of A. belones).—Also reported for Belone vulgaris.
- platyura* Crep., 1838b, 83 (syns. A. belones, Heteracanthus pedatus, H. sagittatus).—Sieb., 1839, 163.
- triangularis* Goto, 1894a, 200–201, pl. 7, figs. 7–8 (on Acanthias schlegelii; Misaki, Japan).—St.-Remy, 1898, 563.
- triglæ* Ben. & Hesse, 1863, 117; 1864, 117 (Trigla hirundo).—Braun, 1890a, 418, 541, 549 (Brest), 552.—Tasch., 1879, 256 (in T. hirundo).

AXININÆ Mont., 1903, 336 (subf.; f. Microcotylidæ).

AZIGIA Staff., 1904, May 3, 488, misprint for Azygia.

tereticolle (Rud., 1802) Staff., 1904, 488 (*Esox lucius*, *Lota maculosa*, *Ameiurus nigricans*; Canada).

AZYGIA Looss, 1899b, Dec., 569–570, 579, 580 (m. *tereticollis*); ἄζυγε, ἄζυγος, unverbunden; 1902, 839.—Braun, 1901b, 33.—Darr, 1902, 667.—Luehe, 1900, 489, 490.—Marshall & Gilbert, 1905, 477, 484.—Odh., 1905, 328.—Pratt, 1902a, 888, 897 (key).—Staff., 1904, May 3, 483, related to *Otodistomum*, 489.—Stoss., 1904, 199.

1904: *Azigia* Staff., 1904, May 3, 488, misprint.

loossii Marshall & Gilbert, 1905, 483–485, pl. 15, figs. 5–7 (*Micropterus salmoides*, *Lucius lucius*, *Amia calva*).

tereticollis (Rud., 1802) Looss, 1899b, 570; 1901, 119; 1902, 456, 457.—Cohn, 1902k, 47.—Darr, 1902, 688.—Heymann, 1905, 85.—Kowal., 1902d, 26 (8) (in *Perca fluviatilis*); 1904, 24 (9) (in *Esox lucius*; Galicia).—Luehe, 1900, 491.—Marshall & Gilbert, 1905, 484, 485.—Odh., 1905, 363.—Staff., 1904, 488.—Ward, 1903, 861.—Reported for *Esox lucius* L., *Lota maculosa* Le S., *Ameiurus nigricans* Le S.

BALANORCHIS Fischder., 1901, 374–375 (m. *anastrophus*); 1902a, 49–50; 1903h, 490.—Pratt, 1902a, 887, 893 (key).—Shipley, 1905, 8.

anastrophus Fischder., 1901, 375 (*Cervus dichotomus*); 1902a, 50–52, fig. 4 (syn. *Amphist. conicum* Dies., 1835 e. p.) (in *C. dichotomus*; Brazil).

BARIS Looss, 1899b, Dec., 669–670 (m. *proteus*) [not *Baris* Germ., 1817, *coleopteron*]; ἡ βαρις, ägyptischer Nachen; 1900d, 602 (renamed *Deuterobaris*).—Stiles, 1901, 189.

proteus (Brand., 1891), Looss, 1899b, 669, 770–772, fig. 82.—Braun, 1901b, 38, 54.

BATHYCOTYLE Darr, 1902a, 644–662 (m. *branchialis*), 678, 687, 691, 696; 1902b.

branchialis Darr, 1902a, 644–662, pl. 23, figs. 1–15 (in mackerel; Pemba, German East Africa); 1902b, 735–736.

BENEDENIA Dies., 1858e, 313, 363–364 (m. *elegans*=*sciænæ*; in *Sciæna aquila*; Ostend) [not of Gray, 1864, mammal; not of Schneider, 1875, protozoon]; 1859c, 437.—Braun, 1890a, 518.—Mont., 1888, 87; 1902, 143.—Odh., 1905, 371.—Tasch., 1878, 566 (syn. of *Trist. Cuv.*).

elegans Dies., 1858e, 364 (new name for *Epibdella sciænæ* in *Sciæna aquila*; prope Ostendam); 1859c, 437.—Sons., 1891, 263.—Tasch., 1878, 565.

hendorffi (Linst., 1889) Linst., 1903, 355 (in *Coryphæna*), *Epibdella* (*Benedenia*).

ishikawæ (Goto, 1894) Linst., 1903, 356, E. (*Benedenia*), from *Lethrinus*.

monticellii (Par. & Perugia, 1895) Linst., 1903, 356, E. (*Benedenia*), from *Mugil*.

ovata (Goto, 1894) Linst., 1903, 356, E. (*Benedenia*), from *Anthia*.

sciænæ (Ben., 1856) Linst., 1903, 355, E. (*Benedenia*), from *Sciæna*.

BILARZIA Mazzei, 1905a, 657, for *Bilharzia*.

BILHARCIA de Bonis, 1882, 115, for *Bilharzia*.

BILHARTZIA Sons., 1877, 652, for *Bilharzia*.

BILHARXIA Sempurum, 1890, 596, for *Bilharzia*.

(*BILHARZIA*) written as subg. of *Dist.* by some authors, as Bomford, 1887a, but probably not intended as a subg. in all cases.

BILHARZIA Cobbold, 1859d, 364 (m. *hæmatobia*); 1876, 488, 756; 1879, 17, 39, 42, 44, 45, 47, 48, 49, 52; 1883i, 106–107, figs. 1–2; 1885a, 498–500, figs. 211–213.—Alexander, 1906, Mar. 1, 69.—Beach, 1899, 103.—R. Bl., 1888a, 541, 543; 1888u, 832, 833, 1 fig.; 1904, 153.—Brand., 1892, 507.—Braun, 1891d, 426; 1892a, 573, 574, 603, 698, 707, 715, 735, 760, 764, 765, 788, 790; 1893a, 878, 879, 882, 885, 886, 890, 893, 894, 895, 908, 912, 918; 1895b, 125, 127, 129, 136, 151; 1900h, 3; 1901, 562; 1902b, 140, 142; 1903, 3 ed., 168.—Brock, 1893b, 622–625.—Catto, J., 1904, Nov. 19, 1411 (new species of).—Chatin, 1887, 1003–1006; 1887, 595.—Coe, 1896a, 562, 564, 566, 567.—Darr, 1902a, 649.—Fischer, 1883a, 41.—Fritsch, 1888a, 192–223, 1 fig., pls. 11–12, figs. 1–14 (anat.); 1888b, 588.—Gamb., 1896a, 73.—Grassi & Rovelli, 1888c, 799.—Hahn & Lefèvre, 1884a, 515; 1884, 805, 806.—Harrison, 1889, 163.—Higgings, 1906, 887.—Hoyle, 1890, 539.—Huber, 1894, 297.—Jackson, 1888, 644, 646, 648, 649, 654.—Juel, 1889, 37.—Kartulis, 1885e, 364, 1 fig.—Kholodk., 1898, 23, 25, 32.—Kowal., 1895g, 2, 3, 5, 15, 23, 24, 25, 42, 43, 45, 55, 63, 64, 65; 1896g, 70; 1896i, 8 [352].—

BILHARZIA—Continued.

- Leuck., 1863, 617.—Looss, 1892, 81, 82; 1894a, 179; 1896b, 2, 167; 1899b, 536, 538, 542; 1901, 196.—Moniez, 1896, 83, 154.—Montgomery, 1906, Feb. 12, 18.—Mont., 1888a, 7, 11, 15, 34, 37, 51, 61, 62, 84, 92, 105; 1892, Oct. 7, 214; 1893, 43, 82, 87, 94, 107, 154; 1896, 162, 163.—Sambon, 1899, v. 2, 117–120, 2 figs.—Schneidemuehl, 1896, 295.—Shipley, 1905, v. 6 (1), 4.—da Silva Lima, 1877, Nov., 489.—Sons., 1874, 71–83; 1882, June 10, 620–621; 1890, 134.—Stiles, 1898, 60; 1903, 77.—Stiles & Hass., 1898a, 83, 93, 94.—Villeneuve, 1892, 153–157.—Vogt, 1878, 9, 14.—See also *Schistosoma*. For additional medical papers on infections with species of *Bilharzia*, see also *Bilharziosis*.
- 1877: *Bilhartzia*, Sons., 1877, 652.
- 1882: *Bilharzia* de Bonis, 1882, 115.
- 1890: *Bilharzia* Semprum, 1890, 596.
- 1905: *Bilartzia* Mazzei, 1905a, 657.
- bovis* Sons., 1876, 84–87, fig. (in *Bos taurus*; Egypt); 1876, 280; 1876, 400; 1876, 594–595; 1876, Oct. 18, 631–632; see *Gynæcophorus crassus*; 1877, 651.—Barbagallo, 1899c, 279.—R. Bl., 1888a, 650.—Bomford, 1887a, 54; 1887b, 345–346.—Braun, 1892a, 763; 1893a, 912; 1895, 154.—Cobbald, 1876, 489; 1876m, 781; 1879b, 332.—Dav., 1877, 943.—Grassi & Rovelli, 1888.—Huber, 1894, 302.—Kowal., 1895g, [3] 43 (syn. of *B. crassa*).—Laveran & R. Bl., 1895, 101–104.—Stiles, 1898a, 60.—Stoss., 1892, 6 (syn. of *Gynæcophorus crassus*).—Ward, 1895, 332 (in *Bos taurus*), 335 (in *Ovis aries*).
- capensis* Harley, 1864a, 63 (in *Homo*; Cape of Good Hope).—R. Bl., 1888a, 644.—Bourel-Roncière, 1888a, 130.—Cobbald, 1872b, 89 (syn. of *B. hæmatobium*).—Dolley, 1894a, 982.—Dav., 1877, 941.—Gues, 1879a, 169.—Stiles, 1898a, 58.—Ward, 1903, 872.
- crassa* Sons., 1888, 124, 125; 1895, 124; 1896, 79; 1896, 309, 318.—Barbagallo, 1899a, 10 pp. (in *Sicilia*); 1899b, 15–16; 1899c, 277–285.—R. Bl., 1888a, 650.—Braun, 1893a, 876, 882; 1893d, 467; 1902b, 143.—Cobbald, 1885a, 498, 499, 500, fig. 213; 1885b, 985.—Colloridi, 1891a, 856.—Gamb., 1896, —.—Gomy, 1897a, 377.—Kowal., 1895g, [3, 4], 43, 44 (syn. *B. bovis*); 1896g, 64; 1896i, [8], 352; 1897b, 2, 3; 1898h, 150, [47].—Looss, 1892a, 81; 1895, 3, 12, 13, 32, 38, 39, 48, 98; 1896b, 159.—Moniez, 1896, 159, 168.—Sanfelice & Loi, 1896, Sept. 12, 305–307.—Stiles, 1898a, 60.—Ward, 1895, 332 (in *Bos taurus*), 335 (in *Ovis aries*).
- ematobia* Sons., 1884, 20, 21.
- endemica* Sons., 1884, 17–21 [not used as specific name, but in the sense of *Bilharzia*, endemic in, etc.].—Huber, 1894, 303.
- hæmatobia* (Bilharz, 1852) Cobbald, 1859d, 364; 1864g, 157; 1866, 6; 1872b, 89–92, figs. a–w; 1872c, 636–646, figs. a–u; 1876m, 780; 1876h, 211, 212; 1876n, 488; 1879b, 38–56, 181, 185, 289, figs. 7–16, 19; 1880e, 59; 1882, Jan., 2; 1882c, 84; 1882i, 272; 1883i, 107, figs. 2–3; 1883, 401; 1885a, 498, 499, 500, figs. 211–212 (syns. *B. magna*, *Dist. hæmatobium*); 1885b, 985.—Agnew, 1881, 538.—Aitken, 1866, 804, 839–841; 1872, 146.—Albany M. Ann., v. 9, 202.—Albarran & Bernard, 1897a, 645–647; 1897b, 1096–1123, pl. 11.—Allen, 1882, July 15, 51–53; 1883, 15, 660–661; 1888, 310.—Almeida Couto, 1872, 4, 5, 6, 7, 10, 13, 14, 16, 17, 18, 24, 30, 42.—Auden, 1904, Apr. 30, 1235.—Barbagallo, 1899c, 277, 278, 279, 282.—Batho, 1872a.—Bays, 1901a, 825.—Belleli, 1885b, 54–56, figs. 19–20.—Ben., 1878a, 276.—Birch-Hirschfield, 1889, 302.—Birt, 1904 (10), 421–422.—Bizzozero, 1883, 220, fig. 80.—R. Bl., 1887a, 500–507; 1888a, 636–652, figs. 330–335 (syns. *Dist. hæm.*, *Gynæcophorus hæm.*, *Schist. hæm.*, *Thecosoma hæm.*, *Dist. capense*); 1888e, 193; 1888r, 51; 1890, 54; 1891p, 604–615.—de Bonis, 1882, 115.—Booth, 1882a, 81–84.—Bowlby, 1889a, 891; 1889b, 786; 1891a, 136; 1891b, 194–195.—Brault.—Braun, 1891d, 426; 1892a, 571, 572, 602, 606, 640, 673, 674, 740, 764, 765, 766, 778, 783, 785, 876, 882, 911; 1893a, 912, pl. 25, fig. 10; 1893b, 187; 1893d, 467; 1895b, 152–154, figs. 69–71.—Brock, G. S., 1893a, 52–74, pls. 8–10, figs. 1–17.—Brooks, 1897a, 492–493.—Bull. med., 1888, v. 2, 918; 1890, v. 4, 281.—Buttel-Reepen, 1900a, 590; 1902, 188, 191, 193.—Cadet, 1876.—Calvert, 1902c, 1523 (*hematobia*).—Chaker, 1890a.—Chatin, 1881, 11; 1887a, 595–597; 1887, 129; 1887, 1003.—Childe, 1899a, 644; 1899, 318.—Chute, 1888a, 85–87, 89–91, figs. 1–8.—Coles, 1902a, 1137–1138.—Colloridi, 1891a, 854–864.—Cortet, 1893.—da Costa, 1884, 935.—Crevaux, 1874a, 177.—Crocker, 1883a, 25–28.—Cureton & Webb, 1899a, 156 (from *S. Africa*).—Curtis, 1896a, 56–58.—Damaschino, 1882, 949.—Dav., 1877, 909, 952.—Davies, 1884, 181.—Deblenne, 1885.—Dight, 1887a, 420–424

BILHARZIA—Continued.

- (hæmatobium).—Dunglison, 1893, 142, 502, 518, 820.—Ebstein, 1884, 45, etc.—Ensor, 1904, Nov., 575–576.—Eve, 1888a, 184.—Fenwick, 1888a, 344–346.—Fenwick & Harris, 1888a, 183–184.—Fouquet, 1885a, 677–680, 693–696.—Fritsch, 1885, 30.—Gamb., 1896, 4, 63, 68–70, fig. 34.—Gautrelet, 1885a, 577–579; 1885, 138.—Gonzalez, 1904, 193–194 (hematobium).—Grassi & Rovelli, 1888, 799; 1888d, 284.—Gues, 1879a, 169–175.—Guillemand, 1882; 1883a; 1884, 4; 1894a.—Gutch, 1900a, 1222.—Harley, 1864a, 62, 63 (to Dist.).—Harrison, 1889a, 163.—Hartley, 1887a, 214.—Hatch, 1878a, 874–875, figs. 1–2; 1887a, 875; 1887b, 760–761; 1903a, 772 (in India); 1903b, 225.—Handford, 1894, 48.—Herff, 1894, 415 (syn. Dist. bilharzii).—Hertwig, 1892.—Hirsch, 1883, 206–209.—Hoyle, 1890, 538–540, fig. 4a.—Huber, 1896a, 580–582.—Ijima, 1889b, 155.—Jackson, 1888, 653.—Jacoby, 1900, 3.—Jaksch, 1889, 42; 1892, 122.—Jamieson, 1897b, 147.—J. Trop. M., 1905, 335.—Kartulis, 1885e, 364, 1 fig.—Keating, —, 768–773, fig. 7.—Kholodk., 1898, 32–33, pl. 11, figs. 22–25.—Kowal., 1895g, [3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 15, 16, 17, 18, 19, 20, 23, 24, 25, 26], 43, 44, 46, 47, 48, 49, 50, 51, 52, 53, 55, 56, 57, 58, 59, 60, 63, 64, 65, 66; 1896g, 64, 66, 67, 68, 70, 71; 1896i, [4, 7, 8, 9, 10], 348, 351, 352, 353, 354; 1896l, 146, 147; 1898g, 75; 1898h, 150, 151, 152, 155, 158, [47, 48, 49, 52, 55].—Kuech., 1879, 340–354.—Kuech. & Zuern, 1881, 340, pl. 8, fig. 13.—Lawson, 1904a, 263–271, figs. 1–6.—Leuck., 1876, 873; 1893, 464–534, fig. 231.—Lewis, 1900a, 1057–1058.—Lockwood, 1901, 2. ed., 821.—Looss, 1892a, 82; 1896b, 2, 64, 158–166, 167, pl. 11, figs. 107–114; 1905, 100.—Lortet & Vialleton, 1894, 8.—Lyle, 1883, 113.—Mackie, 1882, Oct., 661.—Madden, 1899.—Manson, 1901, 542 (syn. Dist. hæm.); 1903, 3. ed., 605–616, 639, figs. 86–89.—Mitchell, 1870a, 3.—Moniez, 1896, 170.—Montgomery, 1906, Feb., 18.—Mont., 1888, 9, 15, 17, 18, 67, 68, 69; 1893, 27, 86.—Monvenoux, 1884.—Moore, 1885, 89.—Moty, 1893, 51.—Nachtigal, 1879, 151.—Napier, 1887, 460; 1890, 88–91; 1892.—Neumann, 1888, 547–548, fig. 272; 1892, 2. ed., 610–611, fig. 321; 1892, 632–633, fig. 321.—N. Y. M. J., 1896, v. 64, 586.—Nitze, 1891, Feb. 16.—Num, 1888, 407–410.—Packard, 18—, 523.—Pariera, 1877.—Parker, 1889, 71; 1891, 80, 124, 683.—Perroncito, 1882, 279–283, figs. 122–123.—Petrie, 1903, July, 133–134.—Rail., 1892, 161; 1893a, 371–375, figs. 245–246.—Rathelot, 1892.—Rathery, 1907, 48.—Ratz, 1899, 617.—Rawitz, 1893, 858–859.—Rendall, 1904, Mar., 755–756.—Roberts, 1879, 452; 1888, 700, 801.—Rogers, 1901, 95.—Rosenstein, 1892; 1894, 654.—Ross, 1904, 687.—Rossbach, 1906, 414.—Ruault, 1885, 56.—Ruetimeyer, 1892, 144.—Seligmann, 1897, Dec., 834.—Sewell, 1904, Nov., 575.—Shattock, 1891, 196.—Shaw, 1901, 19.—Silva Araujo, 1877, Nov., 499.—Silva Lima, 1877, Sept., 388, 389.—Simon, 1897, 99.—Simpson, 1871, 212–215; 1872, Mar., 123.—Sons., —, 743; 1874, 502; 1874, 71; 1874, 305–321; 1875, 738; 1876, 3–17, 33–46, 1 pl., figs. 1–9; 1876, 233–235; 1876, 376; 1876, 283; 1877, 297–307; 1877, 651; 1878, 611; 1879, 9; 1884, 365; 1885, 1197; 1887; 1888, 119–127; 1894, 754; 1896, 79; 1896, 287, 295, 298–299, 307, 309, 311, 314, 315, 320–329; 1897, 259.—Stevenson, 1892, 274.—Stoss., 1892, 5 (to Gynæcophorus).—Symmers, 1905, v. 168, 1138.—Thurn, 1882.—Tyson, 1903, 3rd, 1181.—Ultzmann, 1878, 34.—Unione M. egiz., 1884–5, 1, nos. 20–21.—Verrill, 1870, 170.—Villeneuve, 1891, 321; 1891, 556; 1891, 398; 1892, 153, etc.—Virchow, 1888, 368; 1891.—Vogt, 1878, 10, fig. 1, 36.—Walker, 1900, 651; 1900, 390–392; 1905, 207–209.—Ward, 1895, 253, 327; 1903, 872 (to Schist.).—Wortabet, 1880, 603; 1882.—Worth, 1904, Feb. 27, 611.—Zancarol, 1882, 410.—Zuelzer, 1894, 205.—Zuern, 1882, 220.
- anatomy and histology of: Brock, 1893a; 1893b; 1894a.—Chatin, 1887a, 595–597; 1887b; 1887c; 1887d (excr., genital organs).—Fritsch, 1885a, 407, 411; 1888a, 192–223, pls. 11–12; 1888b, 588.—Looss, 1895c, 1–108, figs. 1–30; 1896a, 329–332.
- ciliated embryo of: Chatin, 1880d, 554–555; 1880e, 405–406; 1881a, 1–11, figs. 1–8; 1881b; 1884d, 364–365.—Cobbold, 1864; 1871b, 135; 1872b, 89–92, figs.; 1872c, 636, 746.—Looss, 1893, 521–528.—Manson, 1903, 3. ed., 607, fig. 88.—Seeligmann, 1898.
- eggs of: Belleli, 1885a, 1–3 (in lungs).—Brock, 1893b, 622–625, figs. 1–6, 1894a, 774.—Cahier, 1892a, 570–576, figs. 1–4 (egg and embryo).—Chatin, 1884d, 364–365; —, 740.—Le Dantec, 1904, Dec., 399–400.—Jones, 1893a, 145 (in hematuria).—Kartulis, 1885a, 139–145, figs. 1–4 (in pelvic organs); 1885b, 188–189.—Looss, 1893, 521–528; 1905, 101–102.—Low, 1903b, Feb., 67–68; 1903l, May, 232.—Manson, 1901, 542; 1903, 3. ed., 606–607, 613, fig. 87.—Mazzei, 1905, 659 (in urine and feces); 1905, Aug., 550; 1905, July, 1083.—Milton, 1902.—Seligmann, 1898.—Smith, 1905, Oct., 656–659.

BILHARZIA—Continued.

- , life history of: Cobbold, 1872b, July, 89–92.—Lazarus-Barlow & Douglas, 1903a.—Looss, 1894c, 286–292, 340–346; 1905, 903.—Manson, 1903, 3. ed., 608.—Sons., 1884, 380–394, 1 pl., figs. 1–6; 1888, 100–101; 1893, Sept., 621–622; 1893, Oct., 466–467; 1893, Nov., 707–708; 1893, 997–1000; [1894, 9–10;] [1894, Jan., 10–14;] 1894, Nov., 754–755.
- hæmatobia crassa* (Sons., 1877) Kowal., 1894; 1895g, 18, 19, 27 [58, 59, 67], pl. 2, fig. 2 (in *Bos taurus*, *Ovis aricus*; Africa, Sicily).—Stiles, 1898a, 60.
- hæmatobia hominis* (Dics., 1855) Kowal., 1895g, 18, 19, 26–27 [58, 59, 66–67], pl. 2, fig. 1 (in *Homo*; Africa).—Stiles, 1898a, 58.
- hæmatobia magna* (Cobbold, 1859) Kowal., 1895g, 27 [67] (in *Cercopithecus fuliginosus*; Africa?).—Stiles, 1898a, 58.
- hæmatobia crassa* Kowal., 1895g, 18 [58], for *hæmatobia*.
- hæmatobia* Bourel-Roncière, 1878a, 116, 117, for *hæmatobia*.
- kowalewski* (Rail., 1899) Par., 1902, 6, for *kowalewskii*.
- kowalewskii* Par. & Ariola (1896), 114–116 (1–3), 1 fig. (in *Larus melanocephalus*); 1896, Oct. 24, 620.—Kowal., 1896i, 9, 353.—Looss, 1899b, 658 (to *Bilharziella*).—Par., 1899, 7, 1 fig.; 1902, 6 (*kowalewski*) (in *Larus melanoc.*).—Sons., 1896, 319.
- magna* Cobbold, 1859d, 364, pl. 63, fig. 8–9 (in *Cercopithecus fuliginosus*); 1861, 118; 1872b, 89 (syn. of *B. hæmatobia*); 1885a, 498 (syn. of *B. hæmatobia*).—Braun, 1893a, 876, 911; 1893d, 467.—Colloridi, 1891a, 854 (syn. of *B. hæm.*).—Dav., 1877, 942.—Leuck., 1863, 619.—Kowal., 1895g, 3 [43, 64].—Moniez, 1896, 155.—Sons., 1888, 124.—Stiles, 1898a, 58, 59, 138.—Stoss., 1892, 6 (to *Gynæcophorus*).
- magnum* of Montgomery, 1906, Feb., 12, 45, for *magna*.
- ovis*, see Cobbold, 1885a, 499 (in *Ovis*).
- polonica* Kowal., 1895g [1–27], 41–70, pl. 2, 20 figs. (in *Anas boschas fera*, A. crecca L.; Dublany); 1896d, 4 (254); 1896g, 63–72; 1896h, 265–266; 1896i; 345–356, pl. 12, figs. 1–9; 1896k, 345–356, pl. 12, figs. 1–9; 1896l, 145–148, 1896m, 145–148; 1897a, 41–70, pl. 2, figs. 1020; 1897b, 198–200 (1–3); 1898g, 75–77, figs. 30–36 (in *Anas acuta*, A. boschas dom., A. cinerea, A. querquedula, Dublany, Poturzyca, Gênes); 1898h, 135, 148–158 (32, 45–51, 52, 54, 55), figs. 30–36.—Barbagallo, 1899c, 281.—Looss, 1899, 567, 658 (type of *Bilharziella*).—Sons., 1896, 318; 1896, Mar. 1, 79–80; 1897, Jan. 17, 198–200.—Sons. & Kowal., 1897, 3 pp.—Also reported for *Ardea cinerea*, *Mergus albellus*.
- BILHARZIELLA** Looss, 1899b, 543, 657–658 (tod. *polonica*); 1902, 746.—Braun, 1901, 562; 1902b, 140, 142; 1903, 169 (in birds).—Darr, 1902, 660.—Montgomery, 1906, Feb. 12, 18.—Pratt, 1902a, 889, 907 (key).
- ?canaliculata* (Rud., 1819) Braun, 1902b, 142–146, figs. 58–88 (includes *Dist. canaliculatum* Rud., 1819a, 676; Duj., 1845a, 449; and *Dist. canaliculatum* (Rud.) Dies., 1850a, 346; Stoss., 1892, 36; Braun, 1901, 562).
- kowalewskii* (Par. & Ariola, 1896) Looss, 1899b, 658.—Braun, 1902b, 140.
- polonica* (Kowal., 1895) Looss, 1899b, 543, 658.—Braun, 1902b, 140, 141, 145.—Kowal., 1902d, 28 (10) (in *Anas querquedula*, A. acuta, A. crecca, A. boschas, A. boschas dom., *Mergus albellus*); 1904, 8 (23) (in *Fuligula leucophthalmos*; Dublany).—Montgomery, 1906, Feb. 12, 18.
- pulverulenta* Braun, 1901g, 946–947 (in *Anas querquedula*; Dongola), 1902b, 140, 141 (in A. quer.).
- BILHARZIOSIS** (name of disease): Allen, 1882, July 15, 51–53; 1888, Apr., 310–320 (parasitic hæmaturia).—Ashford, King & Igaravidez, 1904, Dec., 91 (in Porto Rico).—R. Bl., 1904, Feb., 153.—Chute, 1888a.—Douglas & Hardy, 1903, v. 6 (1), 1.—Goebel, 1903h; 1903i, 390; 1906, Mar., 61; 1906, Apr.; 1906, July, 531.—Guillemard, 1883a, 151; 1894a, 834; 1897a, 1091–1101, figs. 64–70.—Gunn, 1905, June, 1953–1954; 1905, May, 776.—Hanford, 1893–94, 48.—Harley, 1864a, 55–72; 1869a, 379–387 (endemic hæmaturia).—Hatch, 1903a, 772 (in India); 1903b, 225.—Kanellis, 1904b, 45–51 (bilious hemoglobinuric fever).—Katsurada, 1904e, Aug. (endemic disease).—Kautsky, 1903a, 649–652.—Lawson, 1904a, Sept., 263–271.—Leão, 1897a, 337–366, figs. 1–2, pl. 2, figs. 1–3; 1898, 504.—Letulle, 1905b, 37.—Looss, 1903a, 32; 1905, 93.—Lortet, 1893a, 618–620.—Lortet & Vialleton, 1894a, 1–111, pls., figs.; 1895a, 265–269.—Lyle, 1883, Jan., 9 (endemic hæmaturia).—Madden, 1902, June, 165; 1903, 1; 1903, 866; 1904, 73–80, figs. 1–6.—Manson, 1901, 542 (endemic hæmaturia);

BILHARZIOSIS—Continued.

- 1903, 3. ed., 605-616, figs. 86-88.—Martinez, 1904, Dec., 193-194; Milton, 1902c, 165-170, 191-192, 200-203, 213-219 (3 lectures); 1904a, 107-122, 1 pl.—McL., K., 1903, June, 255.—Montgomery, 1906a, 15-46, 2 pls. (in animals in India); 1902b, 32 pp., 2 pls.; 1906c, 138-174, pls. 1-2; 1906d, 37 pp., 2 pls.; 1906e, 164; 1906f, 531-532; 1906g, 834; 1906h, 251-252, 259-260; 1906i, 564-565.—Posnett, 1901, 318.—Rankin, 1904, July, 354; 1904, July, 210.—Rochard, 1871, 298.—Reutimeyer, 1894.—Roux, 1906, 105-107.—Sandwith, 1904, Oct., 460-477; 1904, Nov. 15, 360; 1904, Dec. 6, 2200.—Scheiss-Bey, —, 303.—Scott, 1904, 725 (in Persia).—Semaine méd., 1903, 3.—Sewell, 1904; 1904, Nov., 360 (in India).—Sons., 1876, 650 (Egypt).—Villeneuve, 1891, 398, 421 (in Tunisie); 1891, 556.—Virchow, 1888, 361-385.—Voorthius, 1905, 1665-1672.—Wortabet, 1880, Sept., 578.
- , cases of: Anders & Callahan, 1905, 509-519, figs. 1-2.—Benham, 1906, 922.—R. Bl., 1904, Dec., 148-151; 1906, Jan. 18, 662-663.—Booth, 1882, 81-84.—Bowlby, 1889, Apr. 20, 891.—Brault, 1891a; 1891c; 1891, 409; 1892a.—Brooks, 1897a, 492-493; 1897, 617.—Cahier, 1894, Apr., 363-365.—Childe, 1899a, 644; 1899b, 318; 1899c, 598.—Cobbold, 1878h, 358.—Cortez, 1905, 97-103.—Crocker, 1883a, 25-28.—Cureton & Webb, 1899a, 156.—Davies, 1884, 181.—Le Dantec, 1904, Nov., 399-400.—Douglas & Hardy, 1903, Oct., 1009-1012; 1903, Oct., 476; 1903, Oct., 259; 1903, Oct., 835-866; 1903, Nov., 1032; 1903, Nov., 735; 1903, Dec., 263; 1904, Jan., 34; 1904, Jan., 60; 1904, Oct., 476.—Duncan, 1902-03, 187-189.—Fenwick, 1888, 344-346.—Freeman, 1905, 145-148.—Frothingham, 1904, 453-457, 1 pl.—Gautrelet, 1885a, 577-579.—Gunn, 1906, Apr., 1031-1032.—Gutch, 1900a, 1222.—Handford, 1887b, 240-245, figs. 1-3; 1889a, 424-425; 1894a, 48-49.—Hillmantel, 1893a 230-233, figs. 1-3; 1893b, 4 pp., 3 figs.—Jones, 1893a, 145.—Lelean, 1904f, 425-428.—Letulle, 1904a, 48; 1905a, 420-421.—Lewis, 1904a, 345-346.—Lillie, 1901a, 212.—Madden, 1899, June, 1716; 1899, July, 114; 1901, May., 143-144.—Manson, 1902, Dec., 384-385; 1902, Dec., 1894-1895; 1903, Jan., 15; 1903, Jan., 121; 1903, Feb., 15; 1903, June, 293.—Moore, 1885, 89-92.—Nitz, 1891, Jan. 28.—Pool, 1903, Apr., 632-633; 1903, June, 1146.—Rafferty & Rafferty, 1904, June, 918-919, 6 figs.; 1904, June, 1148-1149; 1904, June, 1661; 1904, Nov., 523.—Sewell, 1904, Mar., 346-347; 1904, Nov., 360.—Simpson, 1872, 320-321.—Smith, 1905, Oct., 656-659, figs. 1-4; 1905, Oct., 1359; 1905-06, 515-518.—Sondern, 1897, May, 554-557, figs. 1-6 (see case of Brook, 1897, 492).—Symmers, 1906, Jan. 18, 662; 1906, Jan. 7, 22.—Tottenham Posnett, 1901, Oct., 318-319.—Villeneuve, 1891, 321-324.—Walker, 1900, Feb., 390-392, 8 figs.; 1900, 651.—Wallace, 1901, Feb., 121-124; 1901, Feb., 304-305; 1902, Mar., 203.—Wardrop, 1906, Sept., 282-283.—Webb, 1899, Jan., 156.—Wortabet, 1880, Jan., 603-604, figs. A-E.
- , complications of: Ali Labib, 1902 (urinary fistulæ).—Bouchut, 1879a, 874-877 (chyluria).—Letulle, 1905c, Apr., 607-609 (phlebitis); 1905d, Apr., 231-232.—Looss, 1905, 94, 95 (fistulæ).—Madden, 1902, Dec., 241-257 (calculus, vesical); 1902, July, 317-329.—Manson, 1903, 3. ed., 610 (fistulæ).—Milton, 1902, 166-167 (carcinoma), 167-168 (stricture), 200-201 (fistulæ), 215.—Mouvenoux, 1884, 1144 pp. (chyluria).—N. Y. M. J., 1896, v. 64, 586 (urethral fistulæ).—Panagiotatou, 1900, Mar., 649-650 (chylothorax).—Silva Lima, 1877, —; 1878, Feb., 171.—Trekaki, 1896, Oct., 586 (urethral fistulæ).—Trekaki & Eichstorff, 1896, Sept., 769 (urethral fistulæ).
- , diagnosis of: Jaksch, 1892, —.—Looss, 1905, 105.—Manson, 1903, 3. ed., 613-614.
- , etiology of: Gues, 1879a, 161-190.—Huber, 1896, 581.—Katsurada, 1904e.—Lockwood, 1901, 2. ed., 821.—Looss, 1905, 95, 103.—Manson, 1903, 3. ed., 605.—Milton, 1902.—Mohammed Bey (1904).—Sons., 1882, Sept., 569-573.—Tyson, 1903, 3. ed., 1181.
- , geographic distribution of: Anders & Callahan, —, 509-519 (U. S.).—Ashford, King & Igaravidez, 1904, 91 (Porto Rico).—Batho, 1872, Dec., 502-504 (Cape of Good Hope).—R. Bl., 1891, 611-612 (Cuba).—Brault, 1891a, 382-385, 3 figs. (Lyon); 1891b, Aug., 409 (Tunisie); 1891c, 449-453; 1892a, 51-56.—Braun, 1903, 3. ed., 169-172, figs. 118-122 (Egypt, Capland, Abessinien, Sudan, Mozambique, Natal, Gold Coast, Tunis, Algiers, Arabia (Mekka).—Cahier, 1893a, 101-116 (Tunisie).—Chevreau & de Chazal, 1890a, June, 44 pp. (à l'île Maurice).—Cobbold, 1876, 487-489 (Australia, Egypt); 1878h, 357 (Natal).—Le Dantec, 1904, Nov., 399-400 [62-63] (Natal).—Davies, 1884,

BILHARZIOSIS—Continued.

181 (Cape of Good Hope).—Deblenne, 1883, 271 pp. (Nosi-Bé).—Eyles, 1887a, 659–660 (West Africa).—Fagge & Pye Smith, 1902, 4. ed., 475 (Egypt & Natal).—Faichnie, 1905, Nov., 638–639 (England).—Felkin, 1889.—Freeman, 1905, 145–148 (England).—Gonzales Martinez, 1904 (Porto Rico).—Grassi & Rovelli, 1888c, June, 799 (Sicilia).—Gunn, 1905, May 23 (Porto Ricans at San Francisco); 1905, 1953–1954; 1906, Apr., —; 1906, July, 224.—Harley, 1864a, 55–72 (Cape of Good Hope); 1869a, 379–387 (Cape of Good Hope and Natal); 1871a, 47–62, pl. 1 (southeastern coast of Africa).—Hatch, 1903a, 772 (India); 1903b, 225 (India).—Hillmantel, 1893a, 230–233, figs. 1–3 (?U. S. A.); 1893b, 4 pp., 3 figs. (?U. S. A.).—Katsurada, 1904e, Aug., — (Japan: Yamashiro, Hiroshima, Saga, etc.).—Lahille, 1906, 262–265, 2 figs. (Antilles).—Legrain, 1898, 148–169, 8 figs. (Algeria).—Letulle, 1904a, 46–48 (Martinique); 1905a, 420–421 (Martinique).—Lillie, 1901a, 212 (Orange River Colony).—Lyle, 1882a, 9–10 (southeast coast of Africa); 1883a, 113–132.—Manson, 1901, 542 (Africa; Persia; Egypt); 1902, Dec., 384–385 (West Indies); 1902, Dec., 1894–1895 (West Indies); 1903, Jan., 18 (West Indies); 1903, Jan., 121 (West Indies); 1903, Feb., 15 (West Indies); 1903, June, 293 (West Indies); 1903, 3. ed., 605 (Egypt, Natal, Mauritius, Gold Coast, eastern coast of Africa to Port Elizabeth; Uganda; Mesopotamia; Cyprus; possibly Sicily; West Indies).—Martinez, 1904, 32 pp. (Puerto Rico); 1904, Dec., 193–194 (Puerto Rico).—McL., K., 1903, June, 225 (India).—Milton, 1897, 93–106 (Egypt); 1903, Mar. (Egypt); 1903, May, 779–780 (Egypt).—Mohammed Bey Talaat, 1904a, statistics (Egypt).—Montgomery, 1906, in animals (India); 1906, 1–32, pl. 1, figs. 1–4, pl. 2, figs. 1–3; (2), pp. 1–37, pl. 1, figs. 1–4, pl. 2, figs. 1–3 (India); 1906, Jan., 15–46 (India); 1906, Feb. (India); 1906, Apr., 138–174, pls. 1–2 (India); 1906, May, 164 (India); 1906, July, 531–532 (India); 1906, Aug., 251–252 (India); 1906, Aug., 259–260 (India).—Peyrot, 1905, 105–111 (Tombouctou).—Posnett, 1901, Oct., 318–319; 1901, Oct., 672; 1901, —. —. Powell, 1903, Feb., 490 (India).—Rafferty, 1904, June, 918–919 (U. S. A.); 1904, June, 1148–1149 (U. S. A.); 1904, June, 1661 (U. S. A.); 1904, Nov., 523 (U. S. A.).—Renoult, —, 366–370 (Egypt).—Sandwich & Harding, 1906, 217 (South Africa).—Scott, 1904, Mar., 726 (Persia).—Sewell, 1904, Nov. (India); 1904, Nov., 360 (India).—Smith, 1905, Oct., 656–659 (U. S. A.).—Sons., 1874, 71–83 (Egypt); 1874, Aug., 502–510, Sept., 521–539, figs. 1–7 (Egypt); 1874, 305–313, 320–331, figs. 1–7 (Egypt); 1875, Dec., 738–748 (Egypt); 1876, 3 (Egypt); 1876, June, 650 (Egypt); 1876, Jan., 376 (Egypt); 1876, 652–673, figs. 1–9 (Egypt); 1887 (Egypt); 1887, 12 pp. (Massana).—Sturrock, 1899, Dec., 1543 (Mesopotamia); 1899, Dec., 1212–1213 (Mesopotamia).—Tyson, 1903, 3. ed., 1181 (Egypt & Africa).—Villeneuve, 1891, 398 (Tunisie); 1891, 421 (Tunisie); 1892, 153–157 (Tunisie); 1892, 556 (Tunisie); 1893, 49–53 (Tunisie).—Williamson, 1902, Aug., 475 (Cyprus); 1902, Aug., 313 (Cyprus); 1902, Sept., 956 (Cyprus); 1902, Dec., 625 (Cyprus); 1905, 956 (Cyprus).

—, location and pathology of: Belleli, 1886a, 4–5, 12–14, 18–21, 28–29, 35–37.—Birch-Hirschfeld, 1889, 302.—Bowlby, 1889a, 891; 1889b, 786.—Colloridi, 1891a, 854–864.—Göebel, 1903c, 107–124; 1903d, 52; 1903e, 71; 1903f, 106–109, 127–128, 143–145; 1906, —; 1906, Apr. 14, 269–270; 1906, Apr. 24, 839.—Kartulis, 1898b, 474–486, pl. 8, fig. 1; 1898c, 258–259.—Lelean, 1902b, 1151.—Looss, 1905, 97.—Manson, 1901, 542–543.—Ruetimeyer, 1892, May, 411; 1892, Nov., 144–151; 1894, (12)? v. 22, 18.—Sons., 1875, 738–747; 1875, —; 1876, v. 16, 3–33; 1876, v. 49, 233; 1876, 652–673, figs. 1–9; 1876, Jan., 376.

Abdominal organs: Kartulis, 1885a, 139–145, figs. 1–4; 1885b, 188–189.

Liver: Looss, 1905, 96, 100.—Manson, 1903, 3. ed., 610, 613 (ova in gallstone).—Phillips, 1904, Sept., 657.—Ruault, 1885, 56–59; 1885, 145–147.—Symmers, 1903, Dec., 237–239, pl. 21, figs. 1–2.

Mesentery: Ruault, 1885, 56–57; 1885, 145–147.

Omentum: Madden, 1901c, 143–144.

Pancreas: Looss, 1905, 96.

Peritoneum: Madden, 1901c, 143–144 (and omentum); 1902, July, 787–788.—Manson, 1903, 3. ed., 613.

Spleen: Looss, 1905, 96.

Heart: Manson, 1903, 3. ed., 613.

Blood, hematology, eosinophilia: Balfour, 1903, Dec., 1649; 1904, Jan., 35; 1904, Jan., 39; 1904, Aug., 374; 1905, Feb., 125.—Coles, 1902a, 1137–1138; 1902,

BILHARZIOSIS—Continued.

- Nov., 402; 1902b, 914; 1902c, 955; 1902d, 787; 1902e, 993.—Douglas, 1903, Oct., 10; 1904, Oct., 476.—Le Dantec, 1904, Nov. 18, 400.—Fagge & Pye Smith, 1902, 4. ed., 475.—Kautsky Bey, 1904a-e; 1905a; 1905, Oct., 665-666; 1905, Oct., 477.—Lockwood, 1901a, 2. ed., 821.—Looss, 1905, 97-100.—Manson, 1903, 3. ed., 606.—Rep. Wellcome Research Lab., Khartoum, 1904, 58-61.—Russell, 1902, Dec. 6, 1540; 1902, Dec. 18, 326; 1902, Dec. 20, 988; 1902, Dec. 22, 1234-1235; 1902, Dec. 27, 1134.—Symmers, 1905, Jan. 18, 22; 1906, Jan. 7, 662.—Tyson, 1903, 3. ed., 1181.
- Intestines: Damaschino, 1882a, 949 (and urinary); 1883a.—Firket, 1897, June, —; 1899, v. 3 (1), 71.—Lahille, 1906, v. 9 (2), 262-265, 2 figs.—Letulle, 1904a, 46-48; 1905a, 420-421; 1905e, 329-439, figs. 1-16, pls. 1-2.—Mackie, 1882, Oct. 7, 661.—Symmers, 1905, Jan. 7, 22.—Zancarol, 1882, 410-412, pl. 26 (and bladder).
- Appendix: Burfield & Shaw, 1906, Feb. 10, 368-370, figs. 1-2; 1906, Mar. 3, 359; 1906, Mar. 10, 757; 1906, May 29, 1076; 1906, July 16, 532.—Crimp, 1906, Mar. 10, 672.
- Rectum: Belleli, 1885b, 54-56, figs. 19-20.—Bowlby, 1891a, 136.—Letulle, 1904, Jan. 13, —; 1905b, 37; 1905f, 659-714, figs. 1-19, pls. 1-2; 1905g, 672; 1906, Jan. 31, 64-65.—Looss, 1905, 95, 99, 105.—Madden, 1899, May, 566-568; 1899, July, 159; 1902, Feb., —; 1902, May 10, 1285.—Manson, 1903, 3. ed., 610, 612-613.—Milton, 1902, 169.—Ruault, 1885, 56-57; 1885, 145-147.
- Female genitalia: Goebel, 1905, 1379-1382; 1905, Dec. 23, 1344; 1905, Nov. 28, 2333; 1906, Jan. 18.—Horwood, 1906, Mar. 10, —; 1906, Aug. 15, 633.—Looss, 1905, 95.—Madden, 1899, June 24, 1716; 1899, July, 114.—Manson, 1903, 3. ed., 610, 612, 613.—Milton, 1902, 169, 202.
- Urinary system: Bowlby, 1891b, 194-195.—Damaschino, 1882a; 1883a, 150-156.—Eve, 1888a, 184.—Huber, 1896, 581.—Manson, 1903, 3. ed., 612.—Milton, 1902, 181-182.—Trekaki, 1903, Jan., 309-325; 1903, Mar., 329-349; 1903, Apr., 396-408; 1903, June 30, 800.
- Calculi: Ebstein, 1884a.—Looss, 1905, 94, 106.—Madden, 1902, Dec., 241-257.—Milton, 1902, 200.—Reyer, 1856, —.—Zancarol, 1882, 76.
- Kidney: Eve, 1888a, 184.—Manson, 1903, 3. ed., 613.—Ruault, 1885, 56-57; 1885, 145-147.
- Ureter: Milton, 1902, 167.
- Bladder: Eve, 1888a, 184.—Fenwick, 1888a, 344-346 (epicystitis); Fenwick & Harris, 1888a, 183-184.—Goebel, 1903a; 1903b; 1903g; 1904, Oct., 1810; 1905, v. 3 (3); 1905, 369-513 (caecinoia); 1905, Dec., 957-958; 1906, Mar., 45-46; 1906, July, 315.—Harrison, 1889a, 163.—Huber, 1896, 581.—Kutner, 1905, v. 16 (12), 649-657, 1 fig.; 1906, Jan., 78.—Lewis, 1900a, 1057-1058.—Looss, 1905, 97, 98, 100.—Manson, 1903, 3. ed., 610-612.—Milton, 1902a, 181-182; 1902, 166, 191, 192, 214.—Peyrot, 1905, 105-111.—Ruault, 1885, 56-57; 1885, 145-147.—Shattock, 1891, 196-197.—Zancarol, 1881-1882, 410-412, pl. 26.
- Prostate: Ruault, 1885, 56-57; 1885, 145-147.
- Urine: Fagge & Pye Smith, 1902, 4. ed., 475.—Gibson, 1904, 219.—Looss, 1905, 105.
- Hematuria (bilharzian, endemic, Egyptian): Allen, 1888, Apr., 310-320.—Batho, 1872a, 502-504.—Bilharz, 1856a, 49-52, 65-68.—Cantani, 1886, 9.—Chaker, 1890a, 72 pp., figs. —; 1890b, 594.—Chute, 1888a, 85-87, 89-91.—Cobbold, 1885a, 985.—Crevaux, 1872a-b; 1874a, 165; 1875a.—Le Dantec, 1904, Nov., 399-400.—Davies, 1884a, 181-187, figs. 1-7.—Douglas & Hardy, 1903, Oct. 10, 1009-1012; 1903, Oct. 22, 259; 1903, Oct. 31, 865-866; 1903, Nov. 28, 1032; 1903, Nov. 30, 735; 1903, Dec., 263; 1904, Jan. 30, 60; 1904, Jan. 2, 34.—Fagge & Pye Smith, 1902, 4. ed., 475, 679.—Fayrer, 1879b, 189 (not clear whether this refers to the disease or to the parasite).—Frothingham, 1904, 453-457, 1 pl.—Griesinger, 1866, 96.—Guès, 1879a, 161-190.—Guille-mard, 1882a, 61 pp.—Gutch, 1900a, 1222; 1900b.—Handford, 1887b, 240-245, figs. 1-3; 1889a, 424-425; 1894a, 48-49.—Harley, 1864a, 55-72, figs. 1-16; 1864b, 173-175; 1864c, 156-157; 1864d, 161-163; 1864e, 515-517; 1865a, 161-173, figs. a-b; 1869a, 379-387; 1869b, 394; 1871a, 47-62, pl. 1.—Jour-dan, 1877a, —.—Looss, 1905, 83, 93, 94.—Lyle, 1882a, 9-10; 1883a, 113-132.—Renoult, 1808, 366-370.—Roberts, 1879, 461-466.—Simpson, 1872, Sept. 21, 320-321.—Sons., 1874, 71-83; 1874, 502-521; 1874, 305-321; 1876, 233-235; 1884, 17-21.—Thurn, 1882, —.—Ultzmann, 1878, 34, fig. 12.

BILHARZIOSIS—Continued.

- Lungs: Belleli, 1885a, 1-3.—Bowlby, 1891b.—Looss, 1905, 96.—Manson, 1903, 3. ed., 610, 613.
- Tumors: Albarran & Bernand, 1897a, 645-647 (epithelial); 1897b, 1096-1023, pl. 11.—Belleli, 1885, 54-56.—Looss, 1905, 95, 96.—Madden, 1903, Jan., 1-2; 1903, Jan., 14.
- , symptomatology of: Belleli, 1886a, 4-5, 12-14, 18-21, 28-29, 35-37.—Le Dantec, 1904, Nov., 399-400.—Goebel, 1903a-i.—Lelean, 1902a-b; 1904f.—Lockwood, 1901, 2. ed., 821.—Looss, 1905, 94, 95, 105.—Manson, 1901, 543; 1903, 608-609, 610.—Milton, 1902, 191, 201-202.—Moty, 1893, Feb., 51-56 (urine), figs. 1-4.—Tyson, 1903, 3. ed., 1181.
- , prognosis: Lockwood, 1901, 2. ed., 821.—Looss, 1905, 93, 96, 106.—Manson, 1901, 543; 1903, 3. ed., 609, 610, 614, 615.—Milton, 1902, 191, 200 (death due to exhaustion).
- , treatment of: Allen, 1883, 660.—Belleli, 1886a, —.—Cadet, 1876a, —.; 1876b, —.—Le Dantec, 1904, Nov., 400.—Ensor, 1904, Nov., 575-576 (chrysoidine); 1904, Nov., 360.—Fouquet, 1885a, 677-680, 693-696; 1885b, 88-95.—Goebel, 1903a-b.—Harley, 1871a.—Looss, 1905, 106, 107.—Manson, 1901, 544; 1903, 3. ed., 615, 616.—Milton, 1897a, 93-106; 1902, 214, 218; 1902, 93-106 (surgery); 1903a, 866-869; 1903b, 714; 1903c, 659; 1903d, 779-780.—Sons., 1885, June, 1197-1198.—Wortabet, 1882, Dec., 979-980 (turpentine).
- BISTOMA Reich, 1801, 371, lapsus for Dist. = Fasc.—Stiles & Hass., 1898a, 83 (to Dist.). *stridulæ* Reich, 1801, 371, in *Strix stridula*.
- BOTHRIOGASTER Fuhrmann, 1904, Sept. 23, 59-61 (m. variolaris), subf. Synceiliinæ.
- variolaris* Fuhrmann, 1904, 59-61, figs. 1-2 (in *Rostrhamus sociabilis*; South America).
- BRACHYCÆCUM Rail., 1896, 15 Mar., 160, *Brachycœlium* Duj., 1845a [not *Brachycœlus* Chaudoir, coleopteron] renamed, hence type crassicolle.—Stiles & Hass., 1898, 83 (for *Brachycœlium*).—Stoss., 1898, 31.
- brusinai* (Stoss., 1889 [Looss, 1901]) Barbagallo & Drago, 1903, 410 (in *Oblata melanura*; Catania), Br. as subg. of Dist.
- BRACHYCELIUM Mont., 1888, 38 for *Brachycœlium*.
- BRACHYCLADIINÆ Odhn., 1905, 346, 347, f. Fasciolidæ.
- BRACHYCLADIUM Looss, 1899b, Dec., 558-560 (tod. palliatum); 1901, 208; 1902m, 707, 708, 709, 711, 715, 716, 717, 718, 755-778 (cf. *Campula*; *Opisthorchis*), 811.—Braun, 1900g, 251, 254; 1901b, 38; 1905, 339, 344, 345, 346, 347-348.—Odhn., 1905, 347a-348.—Stiles 1901, 203, 204, 205.
- delphini* (Poir., 1886) Looss, 1899b, 558; 1902m, 707, 708.—Odhn., 1905, 348.
- oblongum* (Cobbold of Braun) Looss, 1902m, 716.—Odhn., 1905, 343, 347.
- palliatum* (Looss, 1885) Looss, 1899b, 558, 560; 1902, 707, 708, 711, 715.—Daar, 1902, 653.—Odhn., 1905, 341, 342, 347, 348.
- rochebruni* (Poir., 1886) Looss, 1899b, 558; 1902m, 707, 811.—Odhn., 1905, 344, 346, 347.
- BRACHYCELIINÆ Looss, 1899, Dec., 607, 611, 612, 614; 1902, 839, 841.—Luehe, 1900, 561; 1901, 173.—Odhn., 1902, 40, 42.—Pratt, 1902a, 889, 902 (key); contains *Phaneropsolus*, *Lecithodendrium*, *Pycnoporos*, *Brachycœlium*; related genera *Cymatocarpus*, *Brandesia*.
- BRACHYCELINÆ Ward, 1901, 185.—Jægers., 1903a, 14.
- (BRACHYCELIUM) Duj., 1845a, 383, 388, 402 (subg. of Dist.), type crassicolle after Stiles & Hass., 1898a, 83, but arrectum after Luehe, 1899k, 536. Raised to generic rank by Stiles & Hass., 1898a, 83.
- arrectum* Duj., 1845a, 387, 403 (in *Lacerta viridis*; Rennes).—Stoss., 1895, 225 (to *Dicrocœlium*).
- brachysomum* (Crep., 1846) Stoss., 1892, 148, 189, 190, 191; 1899, 10 (to *Levensenia*).
- claviforme* (Brand., 1888) Stoss., 1892, 148-149, 191. See *Brachycœlium*.
- clavigerum* (Rud., 1819) Duj., 1845a, 387, 404 (misdetermined).—Stoss., 1889, 576 (to *Dicrocœlium*). See *confusus* Looss, 1894.
- crassicolle* (Rud., 1809) Duj., 1845a, 386, 404-405.—Cohn, 1903, 42.—Stiles & Hass., 1898a, 83 (designated type of *Brachycœlium*). See *Brachycœlium*.

(BRACHYCELIUM)—Continued.

- heteroporum* Duj., 1845a, 387, 402–403 (in *Vespertilio pipistrellus*; Rennes).—Looss, 1899b, 611 (type of *Pycnoporus*).
macrophallos (Linst., 1875) Stoss., 1892, 147, 190.
nigrovenosum (Bellingham, 1844) Looss, 1902m, 822.
oviforme (Poir., 1886) Stoss., 1892, 12–13, 40.
pygmæum (Levin., 1881) Stoss., 1892, 147 (in *Somateria mollissima*; Greenland), 189; 1899, 10 (to *Levinsenia*).
retusum Duj., 1845a, 386, 405–406 (in *Rana temporaria* at Rennes).
rubellum (Olss., 1868) Stoss., 1886, 60.
somateriæ (Levin., 1881) Stoss., 1892, 146, 189.
tacapense (Sons., 1894) Stoss., 1895, 215, 235.

BRACHYCELIUM (Duj., 1845a) Stiles & Hass., 1898a, 83 (type *crassicolle* after Stiles & Hass., arrectum after Luehe).—Baird, 1853a, 52.—R. Bl., 1891, 609.—Braun, 1892a, 663, 672; 1893a, 885, 909, 910; 1900h, 6.—Giard, 1897c, 955, 956, sp. in *Pélécy-podes*; 1897d, 956–957.—Looss, 1899b, 535, 536, 611–614, 617, 618, 620, 622, 623, 625, 647; 1902m, 705, 768–775, 814, 815, 816, 822, 823.—Luehe, 1899k, 536 (type arrectum); 1900aa, 562, 563.—Mont., 1888, 38 (*Brachycelium*), 92, 105, 1892, 687; 1893, 43, 150.—Pratt, 1902a, 889, 903 (key).—Rail., 1896, 160 (renamed *Brachycæcum*).—Staff., 1903, 827, 828; 1905, Apr. 11, 684.—Stiles, 1901, 179, 196, 197, 198, 199, 200, 201, 202, 203.—Stiles & Hass., 1898a, 83, 97, 98 (type Dist. *crassicolle* Duj., 1845) (syns. Dist. (*Brachycelium*), *Brachycæcum* Rail., 1896).—Stoss., 1892, 12; 1899, 7.—Ward, 1901, 175.

1845: *Distoma* (*Brachycelium*) Duj., 1845a, 383, 388, 402 (tld. *crassicolle*).

1888: *Brachycelium* Mont., 1888, 38, misprint.

1896: *Brachycæcum* Rail., 1896, 160, *Brachycelium* [not *Brachycælus*] renamed.

crassicolle (Rud., 1809) Looss, 1899b, 611, 612; 1902, 768, 769, 772, 774, 775, 813, 814, 815, 816, 818, 821, 822, 823, 832, 835.—Cohn, 1903, 42.—Luehe, 1900, 562.—Staff., 1903, 827, 828; 1905, Apr. 11, 693.

hospitale (Staff., 1900) Looss, 1902, 822.—Staff., 1903, 824–828, figs 4–5; 1905, 682 (int. of *Diemycetylus viridescens* and *Plethodon erythronotus*; Canada).

luteum (Ben., 1870) Giard, 1897c, 955; 1897d, 956, 957.—Caullery & Chappellier, 1906, 325.—Reported for *Donax*, *Scyllium canicula*, *S. stellare*.

nigrovenosum (Bellingham, 1844) Looss, 1902m, 822, as doubtful.

species Giard, 1897d, 956–957 (in *Donax trunculus*, *Tellina fabula*, *T. tenuis*, *T. solidula*, *T. baltica*).—Leger, 1879h, 957–958.

BRACHYLEMUS E. Bl., 1847a, 295–302 (for *Brachylaimus*).—Dies., 1850a, 331.—Stiles & Hass., 1898a, 83, 84 (syn. of *Brachylaima* Duj., 1843).

cylindraceus (Zed., 1800) E. Bl., 1847a, 295–298, pl. 12, fig. 2.—Baird, 1853a, 51.—Dies., 1850a, 368 (to Dist.).—Looss, 1894a, 64 (to Dist.); 1899b, 600 (type of *Haplometra*).

erinacei E. Bl., 1847a, 300–302, pl. 9, fig. 2 (*Erinaceus europæus*; Paris).—Dies., 1850a, 335 (renamed Dist. *linguæforme*).

variegatus (Rud., 1819) E. Bl., 1847a, 298–300, pl. 13, fig. 1.—Looss, 1894a, 71 (to Dist.).—Type of *Hæmatolœchus* 1899 and *Pneumonœces* 1902.

BRACHYLAIMA Duj., 1843a, 338–341 (tld. *advena*).—Luehe, 1899k, 536.—Stiles & Hass., 1898a, 83–84, 96 (type *advena*=Dist. *migrans* 1845) (syns. Dist. (*Brachylaimus*) Duj., 1845, *Brachylæmus* Duj. of Bl.).

advena Duj., 1843a, 338–341 (in *Sorex*).—Stiles & Hass., 1898a, 83, 84, 96 (designated type) (syn. Dist. *migrans* Duj., 1845).

fulvum Duj., 1843a, 340–341 (in *musaraigne*).—Stiles & Hass., 1898a, 83 (in *Sorex araneus*).

(BRACHYLAIMUS) Duj., 1845a, 382, 388, 407–420 (*Brachylaima*, 1843, renamed, hence type *advena*), used as subg. of Dist. See also *Brachylaimus*.

æquale Duj., 1845a, 410.

aloyisæ (Stoss., 1885) Stoss., 1886, 58.

andersoni (Cobbold, 1876) Stoss., 1892, 19, 37.

annuligerum (Nord., 1832) Stoss., 1886, 44.

(BRACHYLAIMUS)—Continued.

- arcuatum* Duj., 1845a, 410–411.
aristotelis Stoss., 1892, 14–15, 40.
ascidioides (Ben., 1873) Stoss., 1892, 16, 40.
baraldii (Sons., 1892) Stoss., 1895, 218–219, 235.
bergense (Olss., 1868) Stoss., 1886, 63.
bothryophoron (Olss., 1868) Stoss., 1886, 57.
carnosum (Rud., 1819) Stoss., 1886, 59.
caudatum (Linst., 1873) Stoss., 1892, 39.
characis (Stoss., 1886) Stoss., 1886, 59.
cirratum (Rud., 1808) Duj., 1845a, 413.
conjunctum (Cobbold, 1860) Rail., 1893a, 365.
conostomum (Olss., 1876) Stoss., 1886, 62.
corrugatum Duj., 1845a, 409–410.
crassiusculum (Rud., 1809) Stoss., 1892, 151–152, 194.
cymbiforme (Rud., 1819) Stoss., 1895, 215–216, 236.
depressum Stoss., 1883; 1886, 59.
didelphidis Par., 1896, 3–5, fig. 1a (in *Didelphis marsupialis azaræ*; Paraguay).
dimorphum (Dies., 1850) Stoss., 1886, 60.
elegans (Rud., 1802) Duj., 1845a, 414–415.
endemicum (Bætz, 1883) Stoss., 1892, 39, 40.
ecasperatum (Rud., 1819) Duj., 1845a, 411.
fabenii (Mol., 1859) Stoss., 1886, 59.
fellis (Olss., 1868) Stoss., 1886, 57.
filum Duj., 1845a, 418.
flavescens (Ben., 1870) Stoss., 1886, 58 (in *Gobius minutus*).
globiporum (Rud., 1802) Duj., 1845a, 417.
globocaudatum (Crep., 1825) Duj., 1845a, 413–414.
instabile Duj., 1845a, 412.
leptostomum (Olss., 1876) Stoss., 1892, 17, 39.
lima (Rud., 1809) Stoss., 1892, 14, 39, 40.
linguatula (Rud., 1819) — ? —.
lorum Duj., 1845a, 407.
maculosum (Rud., 1802) Duj., 1845a, 412–413.
marginatum (Mol., 1858) Stoss., 1892, 149, 189.
megastomum (Rud., 1819) Stoss., 1886, 64.
mentulatum (Rud., 1819) Duj., 1845a, 415.
mesostomum (Rud., 1803) Stoss., 1892, 149–150, 193, 194.
micrococcum (Rud., 1819) Stoss., 1892, 150, 190.
migrans Duj., 1845a, 407–409 = *Brachylaima advena* Duj., 1843, renamed.
moleculum (Linst., 1880) Stoss., 1892, 150, 192.
monas (Rud., 1819) Parona, 1896, 12–13 (in *Siphonops annulatus*; Brazil).
mormyri (Stoss., 1885) Stoss., 1886, 59.
mülleri (Levin., 1881) Stoss., 1886, 61.
oblongum (Cobbold, 1858) Stoss., 1892, 16–17, 37.
obovatum (Mol., 1859) Stoss., 1886, 59.
oligoon (Linst., 1887) Stoss., 1892, 149–192.
plesiostomum (Linst., 1883) Stoss., 1892, 152, 192.
pseudostomum (Will.-Suhm., 1870) Stoss., 1895, 219–236.
recurvum Duj., 1845a, 410.
reticulatum (Wright, 1879) Stoss., 1892, 154–155, 192.
robustum (Lorenz, 1881) Stoss., 1892, 18, 38.
rubens Duj., 1845a, 411.

(BRACHYLAIMUS)—Continued.

- sanguineum* (Sons., 1894) Stoss., 1895, 217, 235.
serpentatum (Mol., 1859) Par., 1896, 18–19 (in *Sayris camperii*=*Scomberesox rondeletii*; Padova).
signatum Duj., 1845a, 415–416.
soccus (Mol., 1858) Stoss., 1886, 64.
soleæ Duj., 1845a, 417–418.
subflavum (Sons., 1892) Stoss., 1895, 216, 235.
tenuicolle (Rud., 1819) Stoss., 1892, 18–19, 39.
tereticolle (Rud., 1802) Duj., 1845a, 419–420.
umbrinæ (Stoss., 1885) Stoss., 1886, 58.
validum (Linst., 1886) Stoss., 1892, 15–16.
varicum (Mueller, 1784) Stoss., 1886, 58.
variegatum (Rud., 1819) Duj., 1845a, 416–417.
vitellatum (Linst., 1875) Stoss., 1892, 154, 190.
vitta Duj., 1845a, 418.

BRACHYLAIMUS (Duj., 1845a) E. Bl., 1847a, 298 (*Brachylaima* renamed, hence type advena).—R. Bl., 1891, 609, 610.—Braun, 1892a, 643; 1893a, 885, 894, 909, 911; 1901b, 11; 1901e, 341, 342.—Giard & Billet, 1892, 614.—Johnston, 1902, 329.—Looss, 1899b, 535, 609.—Luehe, 1899, 530.—Mont., 1888, 92, 105; 1893, 43, 150.—Rail. & Marotel, 1898, 31, 38.—Sons., 1890, 141.—Stiles & Hass., 1898a, 84.—Stoss., 1892, 13; 1898, 32.—Volz, 1899, 231.—West, 1896, 323. See also (*Brachylaimus*).

BRACHYLEMUS Dies., 1850a, 331, for *Brachylaimus*, q. v.

variegatus (Rud., 1819) Dies., 1850a, 355 (to Dist.).—Molin, 1859, 828 (to Dist.).

BRACHYMETRA Stoss., 1904, 10 (m. *parva*) [not Mayr, 1865, insect].

parva Stoss., 1904, 10–12, fig. 1 (in *Rana esculenta*; Istria centrale).

BRACHYPHALLUS Odhn., 1905, 350, 356, 359 (tod. *crenatus*).—Nicoll, 1907, 84.

crenatus (Rud., 1802) Odhn., 1905, 349, 352–355, pl. 4, figs. 3–5 (includes *Fasc. crenata* Rud., 1802, 76, pl. 2, fig. 5; Dist. *crenatum* (Rud.) Rud., 1809a, 404, pl. 5, fig. 1; Mol., 1868, 48, pl. 5, figs. 96–98; Dist. *appendiculatum* p. p. Rud., 1819a, 404; Dist. *tectum* Linst., 1873, 104, pl. 5, fig. 4; Dist. *ocreatum* Mol. p. p. Lint., 1899, 288, pl. 35, figs. 16–24; *Hemiusurus crenatus* (Rud.) Luehe, 1901, 24; Dist. *crenatum* Rud., 1810a, 376; Mol., 1859, 25, pl. 1, fig. 3); (hosts reported by Odhn. for Scandinavia: *Cottus scorpius*, *Pleuronectes limanda*, *Gasterosteus aculeatus*, *Ammodytes tobianus*, *Salmo salar*, *S. trutta*, *Osmerus eperlanus*); 1906, 62.—Nicoll, 1907, 72, 84, 88–89 (in *Ammodytes tobianus*).

BRANDESIA Stoss., 1899, 7, 10 (m. *turgida*).—Braun, 1900h, 6.—Looss, 1899b, 617, 623, 624–625.—Pratt, 1902a, 889, 903 (key), related to *Brachycoelinae*—Staff., 1905, Apr. 11, 683, 684, 685, 686.—Stiles, 1901, 189, 190.

turgida (Brand, 1888) Stoss., 1899, 10.—Cohn, 1904, 235.—Kowal., 1902d, 27 [9].—Looss, 1899, 624, 775–777, figs. A. B.—Staff., 1905, Apr. 11, 684, 685.

BRAUNINA Heider, 1900a, 19–22, figs. a–d (*Hemistomidae*); 1900b, 19–22, figs. 2–d.—Pratt, 1902a, 908 (key).—Wolf, 1903, 603–626, 1 pl., 11 figs.

cordiformis Wolf, 1903, 623, 1 pl., 11 figs. (in *Squalus* sp; Rio Janeiro).

BRAUNININÆ Wolf, 1903, 622, 623, n. subf.

BUCEPHALIDÆ Poche, 1907, 125.

(BUCEPHALOPSIS) Dies., 1855a, 396 (m. *haimeanus*) subg. of *Bucephalus* Baer.—Ziegler, 1883, 540.

aculeatus Dies., 1858, 275, based on Wagener's *Furcocerce* in *Planorbis marginatus*.—Ziegler, 1883, 540.

haimeanus (Lacaze-Duthiers, 1854) Dies., 1855a, 396; 1858d, 275–276 (syns. *Bucephalus* (*Bucephalopsis*) haim. Lacaze-Duthiers; *Cerc. haim.* Moul.) (in *Ostrea edulis*, *Cardium rusticum*; Balearic Isles).—Tennent, 1906, 642.—Ziegler, 1883, 540.—See also sub *Bucephalus*.

BUCEPHALUS Baer, 1826a, 124–125 [not Smith, 1829, reptile] [m. polymorphus]; 1827b, 570–589 (m. polymorphus).—Biehringer, 1884, 20; 1888a, 231, 232, 235.—Brand., 1891d, 8.—Braun, 1892a, 589, 592, 599, 636, 640, 768, 769, 770, 771; 1893a, 823, 825, 834, 884, 892.—Burm., 1856a, 244, 245, 250.—Carus, 1835a, 94.—Cobbold, 1876, 304; 1879b, 453.—Dies., 1850a, 286, 294; 1855a, 395; 1858d, 271, 274.—Duj., 1845a, 478.—Erc., 1881e, 60; 1882a, 296.—Fil., 1854a, 6; 1857c, 22.—Garner, 1875a, 102 (in freshwater mussel).—Goldb., 1855a, 15.—Gronkowski, 1902a, 522 (15).—Hoyle, 1890, 539 (larva of *Gasterost.*), 540, fig. 4–F.—Jackson, 1888, 643, 651 (= *Gasterost.*; in *Anodonta* and oyster), 643, 654.—Kath., 1894a, 138.—Keber, 1852, —.—Lacaze-Duthiers, 1854a, 294 ff.—Leuck., 1863; 454, 495, 503, 512.—Looss, 1885b, 6; 1892a, 125; 1894a, 55, 252.—Mont., 1888, 9, 77, 79, 80, 92, 94; 1893, 6, 9, 10.—Moul., 1856a, 65, 121, 124.—Odhn., 1905, 293, 304.—Pag., 1857, 7, 10, 29, 52, 53.—Poche, 1907, 125.—Spengel, 1905, 258.—Uličný, 1878, 214.—Woods, 1875, v. 4 (29), Aug., 58–66, pls. 4–5.—Ziegler, 1883, v. 39 (4), Dec. 31, in 537–571, pls. 32–33, figs. 1–28; 1883, v. 6 (148), 10 Sept., 487–492; 1905, 36.

1855: *Eubucephalus* Dies., 1855a, 395 (m. polymorphus).

aculeatus Dies., 1858, 275 (in *Planorbis marginatus*) to (*Bucephalopsis*).

[*bellii*, see Smith, reptile.]

cruz Levin., 1881a, 80–81, pl. 3, fig. 7a–j (in *Modiolaria discors*; *Egedesminde*).—Braun, 1893a, 834.—Odhn., 1905, 304.—Tennent, 1906, 641, 643 (in *Modiolaria discors*).

cucullus Ziegler, 1883, 540 (for *cuculus*).

cuculus McCrady, 1874, Dec. 3, 176–192, figs. 2, 1–8 (in *Ostrea virginiana*; Charleston, S. C.).—Braun, 1893a, 834.—Tennent, 1906, 641, 644–646, 682 (syn. of *B. haimeanus* Lacaze-Duthiers) (in oyster; Charleston, S. C.).—Ziegler, 1883, 540 (*cucullus*).

euculus McCrady, 1874, descr. of fig., misprint.

[*gutturialis*, see Smith, reptile.]

haimeanus Lacaze-Duthiers, 1854a, 294–302, pl. 6, figs. 1–10 (in *Ostrea edulis*, *Cardium rusticum*; Balearic Isles, Mahon, Cette).—Babcock, 1875a, 144, 145, 146, pl. 98, figs. 6–7.—Braun, 1893a, 834.—Caullery & Chappellier, 1906, 325.—Claparède, 1863, 10, 11 (to *Cerc.*).—Dies., 1855a, 379, 396, type of *B. (Bucephalopsis)*; 1858d, 276 to (*Bucephalopsis*).—Erc., 1881e, 41, 87 (*haimejanus*); 1882a, 277, 323 (*haimejanus*).—Fil., 1855b, 21.—Giard, 1874e, 485–487 (encystation) (in *Cardium rusticum*, *Ostrea edulis*; Mediterranean); 1874f, 375–377; 1874g, 276–278; 1875a, 466–467; 1897, 955.—Huet, 1889a, 145–149; 1893a, 40–41.—McCrady, 1874, 176, 178, 179, 180.—Moore, 1875a, in 50–57, pl. 3.—Moul., 1856a, 86, 87, pl. 5, fig. 7, 178 (in *Ostrea edulis*, *Cardium rusticum*; Balearic Isles, Mahon, Cette).—Pag., 1857, 10; 1862, 295, 298 to (*Bucephalopsis*), 300, 301.—Tennent, 1906, Feb., v. 49 (4), 635–690, pls. 39, figs. 1–17, pl. 40, figs. 18–39, pl. 41, figs. 41–43, 51 (larva of *Gasterost. gracilescens* in oysters, *Ostrea edulis*, *Cardium rusticum*).—Uličný, 1878, 214, 215, 216.—Vaullegeard, 1894, v. 8, 8–14 (in *Tapes decussatus*, *T. pullastra*); 1894, 343.—Villot, 1875, 478.—Ziegler, 1883, 539, 540, 567.—Also reported for *Belone vulgaris*, *Cardium edule*, *Mactra solida*.

haimejanus Erc., 1881e, 87; 1882a, 323 (for *haimeanus*).

intermedius Uličný, 1878, 211–217, pl. 6, fig. 6 (in *Anodonta cellensis*).—Braun, 1893a, 834.—Tennent, 1906, 641, 643 (in *Anodonta cellensis*).—Ziegler, 1883, 541.

[*jardinii*, see Smith, reptile.]

polymorphus Baer, [1826a specific name not given]; 1827b, 570–589, pl. 30, figs. 1–27 (in *Unio* and *Anodonta*).—Badcock, 1875a, 141–146, pl. 98, figs. 1–5; 1875b, 149–150.—Ben., 1858a, 1861a, 220.—Bettend., 1897a, 13; 1897, 317.—Biehringer, 1884, 3; 1888a, 230.—Braun, 1883a, 54; 1893a, 834, 835, 838, 847.—Claparède, 1863, 10, 11.—Crep., 1839a, 293.—Desmonceaux, 1868, 22.—Dies., 1850a, 294; 1855a, 379, 395 (in *Unio pictorum*, *An. anatina*, *A. cellensis*); 1858d, 274–275 (syn. *Cerc. polym.*) (in *U. pict.*, *An. cell.*, *A. anat.*).—Duj., 1845a, 478.—Erc., 1881e, 37, 38, 41, 44, 45, 60, 87; 1882a, 273, 274, 277, 280, 281, 296, 323.—Fil., 1855b, 21, 22; 1857c, 27, 31.—Gamb., 1896a, 72.—Garner, 1838, 830.—Giard, 1874e, 485, 486.—Hahn & Lefevre, 1884, 806.—Hessling, 1852, 315.—Hoyle, 1890, 540, fig. 4–e.—Jacobson, 301, pl. 8, figs. 1–3.—Juel, 1889, 11.—Keber, 1851a, 99, 100; 1852a, 72.—Kuech., 1856c, 280.—

BUCEPHALUS—Continued.

Lacaze-Duthiers, 1854a, 297, 299, 300, 301.—Levin., 1881a, 80, 81.—Looss, 1885b, 19; 1892a, 122.—McCrary, 1874, 176, 178, 179.—Mont., 1888, 33, 77.—Moul., 1856a, 86, 145, 174, pl. 5 bis, fig. 6 (in *An. anat.*, A. cell., U. pict.), see *Cerc. polym.*—Mueh., 1898, 11.—Nord., 1840, 548; 1840, 617, 630, 631.—Pag., 1857, 6, 8, 10, 27–28, pl. 3, figs. 2–8 (in *An. anat.*); 1862, 300, 302.—Poche, 1907, 124, 125.—Sieb., 1839, 165; 1854, 14.—Stewart, 1875, July, 1–2, pl. 107.—Tennent, 1906, 638, 641, 643, 646, 655, 660, 662, 663, 678, 682 (in *An. mutabilis* var. *anatina* and *cellensis*, U. pict.).—Uličný, 1878, 214, 215, 216.—Wagener, 1857, 22, 45; 1866, 145.—Ziegler, 1883, 488, 491; 1883, 537, 539, 540, 541–567, pl. 32, figs. 1–12, pl. 33, fig. 17, 23, 25 (in *An. mutabilis* var. *cellensis*).

[*typus*, see Smith, reptile.]

BUNODERA Rail., 1896, Mar. 15, 160, *Crossodera* Duj., 1845 [not Gould, 1837, bird] renamed, hence type *nodulosa*.—Braun, 1900, 232.—Hass., 1896a, 7.—Heymann, 1905, 83, 89.—Looss, 1899, 580, 594, 595, 597, 598, 599, 604, 671; 1902, 453, 454, 760.—Odhn., 1905, 296.—Pratt, 1902a, 888, 898 (key).—Staff., 1904, May 3, 491.—Stiles & Hass., 1898, 84–86, 96 (syns. *Dist. (Crossodera) Duj.*, *Crossodera* Duj., 1860 [by Cobbold] [not *Crossodera* Gould, 1837, Aves]) (type *Dist. nodulosum* Zed., 1800=*Fasc. luciopercae* Mueller, 1776).

auriculata (Wedl, 1857) Osborn, 1903, 63, 64, 67, 70.

cornuta Osborn, 1903, 63–73, figs. 1–7 (crawfish, black bass, rock bass, and catfish in Lake Chautauqua, N. Y.); 1905, Jan. 31, 22.

linearis (Rud., 1793) Rail., 1896, 160.

lintoni Pratt in Lint., 1901b, 435 (syn. *Dist. auriculatum* of Lint. in *Acipenser rubicundus*).—Cf. *petalosum* Lander.

nodulosa (Fröelich, 1791) [Rail., 1896, 160] Looss, 1899b, 598; 1901l, 564; 1902m, 452, 453.—Engler, 1904, 186.—Heymann, 1905, 83, 85.—Kowal., 1902d, 26 (8); 1904, 24 (9) (in *Perca fluviatilis*; Galicia).—Osborn, 1903, 63, 64, 67, 68, 70, 71, 72.—Staff., 1904, May 3, 489–490 (in *P. flavescens* Mit.; Canada).

BUNODERINÆ Looss, 1902, 453.—Pratt, 1902a, 888, 898 (key), contains *Bunodera*, *Tergestia*.

CÆCINCOLA Marshall & Gilbert, 1905, 477, 478–481 (m. *parvulus*).

parvulus Marshall & Gilbert, 1905, 478–481, pl. 15, figs. 1–4 (in *Micropterus salmoides*; near Madison, Wis.).

CALCEOSTOMA Ben., 1858a, 1861a, 11, 57, 59–60, 194, 196 (m. *elegans*).—Ben. & Hesse, 1864, 121.—Brand., 1894a, 305, 306.—Braun, 1890a, 411, 412, 416, 443, 451, 468, 472, 478, 483, 484, 492, 512, 514, 516, 517, 523, 542; 1893a, 890.—Dies., 1858e, 379 (syn. of *Dactylogyrus calceostoma* Wagener); 1859c, 441 (1 sp. *elegans*=*calceostoma*).—Gamb., 1896a, 73.—Hoyle, 1890, 539 (on *Sciæna aquila*).—Jackson, 1888, 642, 646, 648, 654.—Maclaren, 1904, 598, 599, 600.—Mont., 1888, 14, 52, 84, 86, 101, 107; 1891, 108; 1892, Oct. 7, 213 (g. of *Calceostominae*); 1903, 336 (subf. *Calceostominae*); 1905, 65, 66, 67, 68.—Par. & Perugia, 1890, 12; 1890, 8, sp.—Pratt, 1900a, 646, 654 (key), 657, fig. 49.—St.-Remy, 1898, 524, 564, sp.—Sons., 1890, 172; 1890, 174–176.—Tasch., 1879, 69; 1879, 265 (syn. *Dactylogyrus* Wag.).

1859: *Calceostomum* Dies., 1859c, 441, for *Calceostoma*.

elegans Ben., 1858a, 1861a, 60–63, 169, 170, 189, 190, 196, pl. 7, figs. 1–8 (in *Sciæna aquila*; Belgium).—Ben. & Hesse, 1864, 125–126.—Braun, 1890a, 417, 452, 543, 549, 552.—Dies., 1859c, 441.—Jackson, 1888, 646.—Mont., 1888, 8, 10.—Pratt, 1900a, 657, fig. 49.—St.-Remy, 1898, 564.—Sons., 1890, 174, 175–176 (in *Sc. umbra*); 1891, 263 (in *Sc. um.*).—Tasch., 1879, 265 (syn. *Dactylogyrus calceostoma* Ben.) (in *Sci. aq.*).

inermis Par. & Perugia, 1889, 747 (in *Corvina nigra*); 1890, 747 (in *Corv. nig.*); 1890, 8.—Parona, 1894, 139, Genova.—Braun, 1890a, 418, 543, 549, 550; 1891d, 422.—Sons., 1890, 174, 175–176 (in *Corv. nigra*, *Umbrina cirrosa*); 1891, 263 (in *Um. cirrhosa*).

CALCEOSTOMIDÆ Par. & Perugia, 1890, 19 [as subf.].—Mont., 1903, 336 [raised from subf. to f. rank] (subf. 1 *Calceostominae* (g. *Calceostoma*, *Fridericianella*)).

CALCEOSTOMINÆ Mont., 1892, Oct. 7, 213 (subf. of *Gyrodactylidæ*); 1903, 336 (f. *Calceostomidæ*).—Braun, 1893a, 890.—Gamb., 1896, 73.

CALICOTYLE Dies., 1850a, 290, 431, 651 (m. *kroyeri*).—Braun, 1890a, 412, 415, 426, 435, 442, 447, 452, 454, 455, 468, 471, 472, 478, 483, 484, 491, 492, 511, 515, 516, 517, 523, 530, 531; 1893a, 890; 1896b, 7; 1899c, 80–82, 1 fig.—Cerf., 1894, 947; 1898b, 347, 352, 356, 362 (Calycotyle).—Goldb., 1855a, 20.—Goto, 1894a, 226–227; 1893a, 798.—Haswell, 1893e, 112.—Hoyle, 1890, 539.—Ijima, 1884c, 638.—Jackson, 1888, 646, 647, 650, 653.—Juel, 1889, 33.—Kerbert, 1881a, 572 (Callicotyle).—Looss, 1892a, 72.—Mont., 1888, 10, 11, 13, 37, 52, 57, 59, 65, 66, 84, 86, 88, 97, 98 (Callicotyle); 1888, 56, 57, 58, 60 (Callycotyle); 1891, 109, 127; 1903, 336 (subf. Calycotylinæ); 1905, 70.—St.-Remy, 1898, 523, 540.—Stoss., 1898, 9.—Tasch., 1878, 176 (Callicotyle); 1878, 573; 1879, 49, 50, 54, 57, 58, 60, 62, 64, 65, 66, 68; 1879, 236.

1850: Calycotyle Dies., 1850a, 650.

1858: Callicotyle Dies., 1858e, 313, 362.

1888: Callycotyle Mont., 1888, 56, 57, 58, 60.

1902: Calliocotyle Scott, 1902, 299–300.

1905: Callocotyle Scott, 1905, 117.

kroyeri Dies., 1850a, 431 (on *Raja radiata*; Kattegat).—Braun, 1890a, 410, 418, 420, 428, 434, 438, 449, 456, 461, 487, 512, 514, 531, 547, 551; 1899, 80, 81.—Cerf., 1894, 948.—Cunningham, 1887a, 278.—Goto, 1891a, 159, 184.—Ijima, 1884c, 638.—Juel, 1889, 14, 37.—Kath., 1894a, 152.—Kroyer, 1852–53a, 961 (*kroyeri*) (in *Raja radiata* Don.).—Looss, 1885b, 5, 18.—Mont., 1888, 7, 15, 53 (Callicotyle); 1891, 108, 111, 116, pl. 6, figs. 33–35.—Par. & Perugia, 1890, 6.—Pratt, 1900a, 656, fig. 20, 657.—Stoss., 1898, 9–10.—Tasch., 1878, 176 (Callicotyle); 1878, 573 (Callicotyle); 1879, 48, 49, 52, 55, 56, 61.—Wierzejski, 1877, 18 Oct., 550–561, pl. 31.—Ziegler, 1883, 545.

kröyeri Wierzejski, 1877, 550, pl. 31.—Hoyle, 1890, 539.

kræyeri Hoek, 1856a, 507–512; 1857a, 157–160, 1 fig.

mitsukurii Goto, 1894a, 227–229, pl. 19, t. h. *Rhina* sp.; Mitsugahama.—Braun, 1899, 80.—Cerf., 1898b, 341.

stossichi Braun, 1899, 80–82, 1 fig. (in *Mustelus levis*; Berlin Aquarium).

CALICOTYLEA Dies., 1850a, 290, 431, subtribe of Monocotylea.—Goldb., 1855, 20.

CALICOTYLINÆ Mont., 1903; 1905, 70.

CALLICOTYLE Dies., 1858e, 313, 362 (see Calicotyle).—Ben. & Hesse, 1864, 66, 79.—Carus, 1863, 477.—Mont., 1893, 118.—Scott, 1902, 299–300.—Stoss., 1885, 162.

kroyeri (Dies., 1850) Dies., 1858e, 362 (on *Raja radiata*, *R. batis*).—Ben. & Hesse, 1864, 79.—Mont., 1888, 7, 15, 53.—Tasch., 1878, 176; 1878, 573.

kröyeri Wierzejski, 1877, 550–551.—Scott, 1902, 299–300, pl. 13, fig. 30 (on *Raja clavata*).

kræyeri Ben., 1870, 16.

CALLIOCOTYLE Scott, 1902, 299–300, for Calicotyle, q. v.

kröyeri (Wierzejski, 1877) Scott, 1902, 299–300, pl. 13, fig. 30 (in *Raja radiata*, *R. clavata*).

CALLOCOTYLE Scott, 1905, p. 117, for Calicotyle, q. v.

kröyeri (Wierzejski, 1877) Scott, 1905, 117.

CALLODISTOMUM Odn., 1902, 154 (m. *diaphanum*).—Pratt, 1902a, 888, 900 (key), related to Anaporrhutinæ.

diaphanum Odn., 1902, 154 (in *Polypterus bichir*; White Nile River).

CALYCODES Looss, 19011, 565 (m. *anthos*); 1902m, 462 (*καλυκώδης*, knospenartig), 463, 839.—Pratt, 1902a, 888, 896 (key).

anthos (Braun, 1899) Looss, 19011, 565–566; 1902m, 458–463, 869, pl. 21, figs. 17, 18 (includes *Dist. anthos* Braun, 1899, 720; 1901, 27, pl. 2, figs. 20–22, 24, 31).

CALYCOTYLE Dies., 1850a, 650, for Calicotyle, q. v.

kroyeri (Dies., 1850) St.-Remy, 1898, 540, 541 (in *Rhombus maximus*).

mitsukurii (Goto, 1894) St.-Remy, 1898, 540–541.—Cerf., 1898b, 341.

CALYCOTYLINÆ Mont., 1903, 336 (subf. of Monocotylidæ).

CAMPULA Cobbold, 1858b, 168; 1859d, 363 (m. oblonga).—Braun, 1893a, 885, 894; 1900g, 249–250, 254; 1901b, 34, 37, 38; 1902b, 5 pp.—Jackson, 1888, 648.—Looss, 1899, 558, 559, 560; 1901, 658; 1901, 208; 1902, 504, 708, 709, 715, 717, 718, 719, 730, 775–778.—Mont., 1888, 92; 1893, 153.—Odh., 1905, 339, 344.—Pratt, 1902a, 887, 893 (key).—Stiles, 1901, 203, 204, 205.—Stiles & Hass., 1898, 85, 88, 97 ([error] syn. *Opisthorchis* R. Bl., 1895).

bilis (Braun, 1790) Rail., 1898, 412.

crassiuscula var. *janus* (Kowal., 1898) Rail., 1898, 412.

felinea (Rivolta, 1884) Kholodk., 1898, 354–355.—Type of *Opisthorchis*.

janus (Kowal., 1898) Rail., 1898, 412.

oblonga Cobbold, 1858b, 168, pl. 33, figs. 84–85 (in *Delphinus phocaena*) 1860a, 4; 1879, 419.—Braun, 1900g, 249–254, figs. 1–3; 1902b, 5.—Looss, 1899b, 558, 559, 560; 1902m, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 775, 776, 777, 778.—Mont., 1893, 44.—Massa, 1906, 51 (of *Nord.*, syn. of *Trochopus*).—Nitzsch, 1826, 150–151.—Nord., 1840, 602.—Tasch., 1878, 563, 566 (syn. of *Trist.*).

palliata (Looss, 1885) Looss, 1901, 208.—Type of *Brachycladium*.

poturzyensis (Kowal., 1898) Rail., 1898, 412.

simulans poturzyensis (Kowal., 1898) Rail., 1898, 412.

CAPSALA Bosc, 1811, 384–385 (m. martinieri).—Ben., 1858a, 1861a, 11, 38.—Blainv., 1828, 568–569.—Braun, 1890a, 518.—Dies., 1850a, 428 (syn. of *Trist.* Cuv. and pp. syn. of *Trochopus* Dies.).—Johnston, 1865, 30, 33.—Encycl. méthodique, 1824, 164.—Massa, 1906, 51 (of *Nord.*, syn. of *Trochopus*).—Nitzsch, 1826, 150–151.—Nord., 1840, 602.—Tasch., 1878, 563, 566 (syn. of *Trist.*).

coccinea (Cuv., 1817) Blainv., 1828a, 569.—Baird, 1853a, 42.—Dies., 1850a, 429 (to *Trist.*).—Moquin-Tandon, 1846, 396.—Tasch., 1878, 567 (to *Trist.*).

elongata (Nitzsch, 1826) Nord., in Lam., 1840, 602 (syn. *Nitzschia elegans* Baer).—Baird, 1853a, 42 (includes: *Hirudo sturionis*, *Phylline hippoglossi*, *Trist. elongatum*, *Nitzschia elegans*).—Dies., 1850a, 426 (syn. of *Nitzschia elegans*).—Johnston, 1865, 33.

maculata (Rud., 1819) Nord. in Lam., 1840, 602.—Dies., 1850a, 430 (to *Trist.*).—Tasch., 1878, 567 (to *Trist.*).

martinieri Bosc, 1811, 384–385 (in *Diodon* sp. incerta).—Blainv., 1828a, 569.—Dies., 1850a, 430 (syn. of *Trist. maculatum*).—Moquin-Tandon, 1846, 396–397.—Nitzsch, 1826, 150.—Tasch., 1878, 567 (to *Trist.*).

papillosa (Dies., 1836) Nord. in Lamarck, 1840, 602 (in *Xiphias gladius*).—Dies., 1850a, 431 (to *Trist.*).—Stoss., 1898, 6.—Tasch., 1878, 567 (to *Trist.*).

rudolphiana (Dies., 1850a) Johnston, 1865, 33.

sanguinea Blainv., see Dies., 1850a, 429 (syn. of *Trist. rudolphianum*).—Nord., 1840, 602 (syn. *Trist. coccineum* Rud.) (in *Xiphias*).—Stoss., 1898, 5.—Tasch., 1878, 567 (syn. of *Trist. molæ* Blanch.).

tubipora (Dies., 1835) Nord. in Lamarck, 1840, 602.—Dies., 1850a, 428 (type of *Trochopus*; renamed *T. longipes*).—Massa, 1906, 53 (to *Trochopus*).—Mont., 1891, 123.—Stoss., 1898, 7.—Tasch., 1878, 568 (to *Trist.*).

CAPSALIDÆ Baird, 1853a, 41.—Johnston, 1865, 32, 299.

CATADISCUS Cohn, 1904, 243 (m. dolichocotyle).

dolichocotyle (Cohn, 1903) Cohn, 1904, 242–243.

CATATROPIS Odhn., 1905, 366, 367 (tod. verrucosa).

verrucosa (Frølich, 1789) Odhn., 1905, 366–370, fig. 4, pl. 4, fig. 10 (includes *Fasc. verrucosa* Frølich, 1789, 112, pl. 4, figs. 5–7; *F. anseris* Gmelin, 1790a, 3055; *Monost. verrucosum* Zed. of Levin., 1881, 78; ? *e. p. Notocotyle verrucosum* Frølich of Mont., 1892, 40); in *Somateria mollissima*, *S. spectabilis*, *Mergus serrator*; west coast of Sweden and Arctic region; also in *Anser domesticus*, *A. cinereus*, *A. leucopsis*, *Cygnus musicus*, *Bucephala clangula*, from Pommern.

species from *Spatula clypeata*; Egypt.—Odhn., 1905, 369, see Looss. 1899b, 664.

CATHEMASIA Looss, 1899b, Dec., 562–563 (tod. hians); *κατά* nach unten; *ἡ αἰμασία* die Dornen.—Braun, 1901b, 33; 1901g, 896; 1902b, 4.—Pratt, 1902a, 887, 896 (key).—Stoss., 1901, 93 (5).

fodicans Braun, 1901g, 896–897 (in *Sterna nigra*; Vien. Mus.), 631; 1902b, 4, 5 (in *S. nig.*).

hians (Rud., 1809) Looss, 1899b, 563 (of Mueh.).—Braun, 1902b, 5.—Stoss., 1901, 93 (5).

- CATOPTROIDES Odhn., in Looss, 1902m, 857 (Gorgoderinae), 861, 862 (tod. spatula).
spatula (Odhn., 1902) Odhn. in Looss, 1902m, 857, 862.
spatulæforme (Odhn., 1902) Odhn. in Looss, 1902m, 857.
- CENTROCESTINÆ Looss, 1899b, 586.—Jägers., 1903a, 14.—Pratt, 1902a, 888, 894 (key), contains Centrocestus, Ascocotyle; related genera, Acanthocasmus, Anoiktastoma.
- CENTROCESTUS Looss, 1899b, Dec., 584, 586 (m. cuspidatus); τὸ κέντρον, spine; ὁ κεστός, Gürtel; 1902m, 832, 833.—Braun, 1902b, 30.—Jägers., 1903a, 14.—Pratt, 1902a, 888, 894 (key).
cuspidatus (Looss, 1896) Looss, 1899b, 582, 584.
- CENTRODERMA Luehe, 1901, 59 (tod. spinosissimum).
spinosissimum (Stoss., 1883) [Luehe, 1901d, 59].
- CENTROVARIUM Staff., 1904, May 3, 493 (m. lobotes).
lobotes (MacCallum, 1895) Staff., 1904, May 3, 493 (in Esox lucius, Stizostedion vitreum).
- CEPHALOBDELLIDEA Dies., 1850a, 291 (subtribe of Monocotylea to contain Astacobdella, Peltogaster, Pachybdeila, Trachelobdella, Podobdella, Pontobdella, Ichthiobdella, Branchiobdella), 433, 650.—Goldb., 1855, 20.
- CEPHALOGONIMINÆ Looss, 1899b, Dec., 628; 1900, 561.—Luehe, 1901, 487, 488.—Pratt, 1902a, 889, 901 (key), includes Cephalogonimus, Emoleptalea, Prosthogonimus; related genus Stromylotrema.
- CEPHALOGONIMUS Poir., 1886, 22 (m. lenoiri) κεφαλή, γόνιμος.—Braun, 1892a, 642, 645, 696, 704, 705, 713, 715, 733; 1893a, 885, 886, 890, 893, 909, 911; 1895, 138; 1900h, 3; 1902b, 68.—Looss, 1894a, 173, 174; 1899b, 536, 538, 541, 625, 626–627, 628, 721.—Luehe, 1899, 539; 1900, 555.—Moniez, 1896, 89.—Mont., 1888a, 15, 34, 92, 104; 1892, Oct. 7, 214 (gen. of Distominæ); 1893, 82, 95, 154, 157; 1896, 167.—Neumann, 1892, 345.—Pratt, 1902a, 889, 901 (key).—Stiles & Hass., 1898a, 85–86, 96.—Stoss., 1892, 4; 1898, 23.
americanus Staff., 1902, 5 Nov., 719–725, 1 pl., figs. 1–4 (in Rana virescens; Ashbridge's Bay, Toronto; May; also ? R. clamata); 1902, 30 Dec., 844; 1905, July, 52; 1905, Apr. 11, 687 (int. R. vir.; R. clamata).
lenoiri Poir. [1885, 3, pl. 2, figs. 1–2;], 1886, 22–24, pl. 2, figs. 1–3 (in Tetrathyræ vaillantii Roch; Sénégal).—Braun, 1892a, 734; 1899b, 715; 1902b, 68.—Looss, 1899b, 626, 627; 1902m, 418 (in Trionyx nilotica), 783.—Luehe, 1899, 539.—Mont., 1893, 83, 102, 105, 106, 107, 157; 1896, 167 (lenori).—Stiles & Hass., 1898a, 85, 96.—Staff., 1902, 719, 725.—Stoss., 1895, 213.
lenori Mont., 1896, 167, for lenoiri.
ovatus (Rud., 1803) Stoss., 1892, 144; 1896, 126; 1898, 23; 1902, 13 (of 1896, 126, syn. of Cyclocœlum mutabile Zed.).—Hass., 1896a, 2 (syns. Fasc. ov. Rud., Dist. ov. (Rud.); D. bursicola Crep.) (in Gallus dom.).—Looss, 1899b, 629 (type of Prynopriion), 720, 721.—Luehe, 1899, 539 (type of Prosthogonimus).—Mont., 1893, 157.—Rail., 1893a, 368.—Sons., 1890, 134.—Stiles & Hass., 1898a, 85.—Reported also for Accipiter nisus, Anser cinereus dom., Ardea cinerea, Bucephala clangula, Buteo vulgaris, Corvus cornix, Gallinago scolopacina, Harelda glacialis.
pellucidus (Linst., 1873) Rail., 1890, 138; 1893a, 369.—Braun, 1902b, 68.—Hass., 1896a, 2 (in Gallus dom.).—Looss, 1894a, 174.—Mont., 1893, 157.—Stiles & Hass., 1898a, 85.
- CERATIIUM Schrank, 1793.—Nitzsch, 1827, 69, contains Cerc. tripos [cf. Ceratium for Keratella Bory, 1824].
- CERCARIA Mueller, 1773, 64–70 (contains gyrinus, catellus, podura, lupus, lemna, cyclidium, tenax, pleuronectes) [apparently lemna is type; cf. Braun, 1889a, 312, 315]; 1786.—Abildg., 1793, 88.—Aitken, 1866, 801, 806, 837; 1872, 144, 148, 204.—Assenova, 1899, 64–65.—Ben., 1882b, 14.—R. Bl., 1888a, 551, 557, 558, 559, 560, 561, 562, 604, 605, 610, 620, 627, 628, 647; 1890h, 2–3.—Bojanus, 1818a, 729–730 [688–689].—Bory de St. Vincent, 1823a, 354–355; 1823b, 355–356 (cercariées); 1824d, 189–191.—Bosc, 1802a, 223–224.—Braun, 1889a, 312 (only malleus and lemna of Mueller's original species of 1773 are true Cercaria); 315 (only inquieta and lemna of Mueller's, 1786, Cercaria are true Cercaria); 1890a, 515; 1892a, 767, 775; 1893a, 884; 1893b, 183 (of Dist. recurvatum Linst., in Physa alexandrina).—Bruguère, 1792, 456, 458.—Burm., 1837, 529; 1856a, 246, 250.—Cobbold, 1858a, 9 (structure); 1859d, 365 (in Cervus axis).—Dadai, 1888c, 107–109; 1888e, 105–106, pl. 3, fig. 16; 1888f, 84–86, pl. 3, figs.

CERCARIA—Continued.

- 11, 13 (Gulf of Naples); 1888g, 107–109, pl. 3, figs. 11, 13.—Dies., 1850a, 286, 293 (of Abildg., syn. of Cheilost.), 294 (of Nitzsch, syn. of Malleolus), 295–298, 299 (of Nitzsch, syn. of Histrionella); 1855a, 377–400 (revision); 1858d, 239–290, 245–246.—Duj., 1845a, 475–478; 1845b, 57–58.—Eichwald, 1829a, 247.—Fewkes, 1822a, 134–145 (with caudal setæ); 1882b, 192.—Gmelin, 1790a, 3891.—Goldb., 1855a, 16.—Herbst, 1787a, 19; 1789a, 129.—Hogg, 1870a, 232–235, pl. 50, figs. 1–3.—Jackson, 1888, 643, 651, 652, 653.—Johnston, 1865, 18.—Lereboullet, 1847a, 300 (migrations); 1847b, 266 (in insects).—Lespès, 1857b, 113–117, figs. 11–16 (of marine mollusks).—Leuck., 1863, 34, 73, 74, 493; 1879a, 41, 96; 1886d, 31, 72, 376.—Lint., 1905, 333, 401 (in *Monacanthus hispidus*).—Looss, 1892a, 124.—Mont., 1888, 4, 14, 24, 35, 37, 44, 45, 46, 74, 76, 79, 83, 94; 1892, 38.—Mueller, 1786, 119; 1850, 496.—Moul., 1856, 123.—Nitzsch, 1827, 66–69.—Nord., 1840, 617, 630–632.—Pag., 1857, 3, 4.—Parkes, 1891, 267.—Perroncito, 1879, 7–9 (in *Rana esculenta*); 1880, 454; 1884, 154; 1885, 208–209.—Piana, 1882, 12 pp. (of mollusks); 1882, v. 5.—Quintart, 1905, 724–725 of *Barleeia rubra* (Adams).—Schrunk, 1803, 20.—Sieb., 1839, 153; 1850, 668.—Sons., 1884, 15 Dec., 57–61 (cellules à bâtonnets).—Steenstrup, 1842, 28.—Tasch., 1879, 233.—Vaney, 1901, 29 Apr., 1062–1064; 1901, 105 (in land mollusks).—Villot, 1875, 479 (in *Conus mediterraneus*).—Wagener, 1834, v. 27 (2), 131–132, pl. 1, fig. 4; 1857, 21.—Ward, 1903, 863, 864.—Wagner, 1883, 120.
- 1888: *Cercavia* Mont., 1888, 80, misprint.
- I. Baer, 1827b, 621, pl. 31, figs. 1–4.—Dies., 1850a, 295 (syn. of *Cerc. vesiculosa*).
- II. Baer, 1827b, 622, pl. 31.—Dies., 1850a, 296 (syn. of *Cerc. chlorotica*).
- III. Baer, 1827b, 623, pl. 31, fig. 3.—Dies., 1850a, 296–297 (syn. of *Cerc. brunnea*); 1855a, 387.
- V. Baer, 1827b, 625, pl. 31, figs. 5a, a.—Dies., 1850a, 299 (syn. of *Histrionella ephemera*).
- VI. Baer, 1826a; 1827b, 627, pl. 31, figs. 6a, 6b.—Dies., 1850a, 295 (syn. of *Malleolus furcatus*).
- VII. Baer, 1827b, 629, pl. 31, figs. 7a–b.—Dies., 1850a, 297 (syn. of *Cerc. fallax*); 1855a, 388.
- acerca* Biehringer, 1884a, 3 (in *Onchidium carpenteri* Stearns).—Braun, 1892a, 807 (in *O. carp.*).
- aculeata* Erc., 1881. See Par., 1894, 163 (in *Lymnæa auricularia*; Bologna).
- affinis* Eichwald, 1829a, 247–248, pl. 1, fig. 15a–c (in *Lymnæus stagnalis*).
- agilis* Fil., 1857c, 4–5, pl. 1, fig. 2 (in *Lymnæus stagnalis*; Turin).—Ben., 1858a, 1861a, 215, 216.—Dies., 1858d, 248–249 to (*Gymnocephala*).—Par., 1894, 162.
- agilis* Leidy, 1858a, 110 (free in Delaware River); 1904a, 111.
- alata* (Hemp. & Ehrenberg, 1828) Moul., 1856a, 213.
- alba* Erc., 1881e, 12 (for *C. brunnea* var. Dies.); 1882a, 248.
- amphistomi subclavati* Ben., 1858a, 82 (in *Cyclas cornea*, etc.).—Dies., 1859c, 435 (syn. of *Diplodiscus subclavatus*).—Erc., 1881e, 24, 35; 1882a, 260, 271.—Gerv. & Ben., 1859, 212.—Moul., 1856a, 20, 95, 106–107, 125, 208–211, pl. 6, fig. 10 (syns. *Redia gracilis* Fil., 1837, *Diplodiscus diesingii* Fil., *Diplocotyle mutabile* Dies.) (in *Planorbis nitidus*; Ticini; P. vortex; Moncalier).
- arcuata* Steenstrup.—Erc., —.—See Par., 1894, 164 (in *Lymnæa obscura*, L. stagnalis; Bologna).
- armata* Sieb., 1837, 187 (based on Wagener, 1834, 131); [1835, 336;] 1850, 646, 669; 1854, 18, 21, 26, 27, 28.—Baillet, 1866b, 9, 92, 93, 94, 96.—Ben., 1858a, 1861a, 91, 92, 96, 168, 180, 220.—Biehringer, 1884, 2, 11, 14, 17, 24, 25.—Braun, 1892a, 598, 634, 636, 642, 701, 769, 771, 797, 806, 807, 809, 810, 814; 1893a, 820, 822, 829, 839, 848, 859, 963; 1900, 225.—Cobbold, 1879b, 454.—Desmonceaux, 1868, 21.—Dies., 1850a, 298 (includes *Dist. tarda*); 1855a, 377, 381, 388 to (*Xiphidiocercaria*) (in *Lymnæus stagnalis*, *Planorbis corneus*); 1858d, 251–252 to (*Acanthocephala*), larva of *Dist. endolobum* Duj. (in *Plan. corn.*, *Lymn. stag.*, *Paludina impura*), 259 (of Fil., 1855b, 305, pl. 1, figs. 2–4, syn. of *C. (Acanthocephala) micracantha* Dies.); 1859c, 434.—Dowker, 1882a, 9, 11.—Erc., 1881e, 13, 15, 18, 21–23, 48, pl. 1, figs. 32–37; 1882a, 249, 251, 254, 257–259, 284; 1881e, 19–21; 1882a, 255–257 (of Steenstrup).—Fil., 1854a, 6, 7, 8, 9, 10, 12, 22, 24; 1855b, 3–5, 7, 20, 21, 23, pl. 1, figs. 1–4 (in *Lymn. pal.*; Mon-

CERCARIA—Continued.

- calier); 1856a, 257; 1857c, 3, 16, 32.—Florance, 1866a, 4, 11.—Fraipont, 1880a, 397; 1880c, 417, 419, 441; 1881b, 4; 1883a, 35.—Hahn & Lefèvre, 1884a, 516.—Harz, 1881c, 4.—Hoyle, 1890, 538 (cf. *Dist. signatum*; *D. muris*).—Juel, 1889, 15.—Kath., 1894a, 136, 139.—Kerbert, 1881a, 556.—Knoch, 1862, 100, 103.—Leuck., 1863, 73, 504, 506, 508, 510, 511, 515, 522, figs. 146, 168, 175, 176, 177; 1879a, 96.—Linst., 1873, 1 (larva of *Dist. endolobum* Duj.); 1887, 98, 99, 100; 1887, 102 (syn. of *Dist. ascidia* Ben.).—Looss, 1885b, 19; 1892a, 128; 1894a, 90 (*armatæ*), 237, 252.—Macé, 1882, 61.—Mont., 1888, 26, 41, 45, 77, 78, 80; 1888, 196, 197.—Moul., 1856a, 77 (*Lymn. stag.*, *Plan. corn.*), 78–79, pl. 5, figs. 2–4, 80, 102, 103, 116, 118, 146–152, pl. 5, bis fig. 10, 153, 154, 155, 156, 162, 163, 186, 217, 226, 227, 234 (in *Pal. imp. Valette*; Berlin; *Lymn. stag.*, *Plan. corn.*, *Lymn. palustris*; *Moncalier*).—Nord., 1840, 631.—Pag., 1857, 9, 18–19, 39 (in *Lymn. stag.*).—Par., 1894, 162.—Roewer, 1906, 217.—Rossbach, 1906, 363.—Schwarze, 1886, 63.—Sons., 1897, 253.—Steenstrup, 1842, 42–47, 51, 57, 78–94, pl. 3, figs. 1–6.—Stoss., 1892, 21.—Tennent, 1906, 661.—Valette St. George, 1855, 18, pl. 1, figs. P–Q.—Villot, 1882, 507.—Vogt, 1878, —, fig. 33.—Wagener, 1834, 131, pl. 1, fig. 4; 1857, 22.
- armata minor* (*Distomi retusi*) Ben., 1858, 98, pl. 11, figs. 9–27 (in *Lymnæus stagnalis*; Belgium).—Dies., 1859c, 434 (syn. of *Dist. retusum*).
- armatæ* Looss, 1894a, 90, not as specific name, but as descriptive of several forms and used in the plural.
- bilineata* Haldemann, 1840a, 3 (in *Limnea catascopium*; Camden on Delaware).—Dies., 1850a, 300 (to *Histrionella*).
- bi-partita* Sons., 1897, 253 (in *Limnæa palustris*; Pisa); 1897, 4.
- brachysoma* Villot, 1878, 27–28, pl. 9, figs. 1–3 (in *Anthura gracilis* Leach).—Mont., 1888, 94 (larva of *Dist. brachysoma*).
- brachyura* Fil., 1837a, 337, figs. 8–14 (in *Planorbis submarginatus*; Pavia), teste Par., 1894, 161 (in *Plan. submarg.*; Pavia), see next entry.
- brachyura* Dies., 1850a, 296 (*Dist. polymorphum* Fil., 1837a, 337, figs. 8–14, renamed) (in *Planorbis submarginatus*; Ticini); 1855a, 386 (to *Eucercaria*); 1858d, 257, to (*Acanthocephala*) (syns. *C. (Eucerc.) br.*; (in *Plan. submarg.*; Ticini; *P. nitidus*, *P. vortex*).—Moul., 1856a, 213 (syn. *Dist. polymorphum* Fil., 1837).
- brachyura* Lespès, 1857b, 117, pl. 1, fig. 15 (in *Trochus cynereus*).—Braun, 1893a, 831.—Dies., 1858d, 257 syn. of *C. (Acanthocephala) pachycerca*.—Pag., 1862, 297 (in *Trochus cinereus*).—Villot, 1875, 479 (in *Trochus cinereus*).
- brevicaudata* Piana, 1882 (in *Helix carthusiana*; Reggio Em.) teste Par., 1894, 161, 622.
- brunnea* Dies., 1850a, 296–297 (*Cerc. III. Baer*, 1827b, 623, pl. 31, renamed) (in *Limnæus stagnalis*; Regiomontii); 1855a, 387 (to *Eucercaria*); 1858d, 247, to (*Gymnocephala*), syn. *C. (Eucerc.) br.*; (in *Lymn. stag.*).—Baillet, 1866b, 96.—Ben., 1858a, 1861a, 89, 180 (syn. of *Dist. echinata*).—Erc., 1881e, 8–9, 11, 12, pl. 1, figs. 3–9; 1882a, 244–245, 247, 248 (in *Paludina vivipara*).—Linst., 1887, 104.—Moul., 1856a, 80–81, 118, 157–158 (in *Lymn. stag.*).—Par., 1894, 162 (in *Pal. vivip.*; Bologna, Erc.).
- buccini mutabilis* (Fil., 1855) Dies., 1858d, 266, to (*Acanthocephala*) (syn. *Dist. bucc. mutab.* Fil., 1855b) (in *Buccinum (Nassa) mutabile*; Genoa).—Mont., 1888, 75.—Moul., 1856a, 85, 104, 168.
- bucephalus* Erc., 1881e, 40, 41–44, 60, 87, pl. 1, figs. 38–42; 1882a, 276, 277–280, 296, 323 (from *Unio pictorum*).—Braun, 1893a, 834, 839.—Tennent, 1906, 641, 643 (in *Unio*, *Anodonta*).—Ziegler, 1883, 541.
- capriciosa* Cuénot, 1892, in 1–23 (in *Synapta inhærens*) teste Braun, 1893a, 921 (syn.? *Cerc. megacotyle* Vill.); 1893b, 183.
- capsularia* Sons., 1892, 7, Oct., 144–146, pl. 18, figs. 6–7 (in *Cleopatra bulimoides*; Cairo, Egypt).—Braun, 1893b, 183.—Looss, 1896b, 223, 226, 227, pl. 16, figs. 183–190 (in *Cl. bul.* Jick.; near Alexandria).
- caryophyllata* Bory St. Vincent, 1823a, 354 (in *Infusions de chènevis*).
- catellina* Mueller, 1786, 130–131, pl. 20, figs. 12–13 (in *Aqua fossarum*, ubi Lemna).—Bosc, 1802a, 226–227.—Bruguière, 1792a, 456, 462–463.—Nitzsch, 1827, 68 to *Dicranophorus*.

CERCARIA—Continued.

- catellus* Mueller, 1773, 65–66 (“in aqua anno ferre in vasculo cum Hydrachnis servata ac in aqua flores per septimanam nutriente”); 1776, 206; 1786, 129–130, pl. 20, figs. 10–11.—Bosc, 1802a, v. 3, 226.—Bruguière, 1792a, 456, 462.—Gmelin, 1790a, 3892.—Herbst, 1789a, 129.—Nitzsch, 1827, 68 to *Dicranophorus*.
- cellulosa* sp. inq. Looss, 1896b, 227–229, 232, pl. 14, figs. 159–161 (in *McLania tuberculata* Bourg.; near *Alexandria*, Egypt).
- cercopitheci* Cobbold, 1861e, 119 (in *Cercopithecus fuliginosus*).
- cervi* Cobbold, 1861e, 119 (in *Cervus axis*).
- chlorotica* Dies., 1850a, 296 (Cerc. II. Baer, 1827b, renamed) (in *Paludina vivipara*; *Regiomontii*); 1855a, 386 to (Eucercaria); 1858d, 252–253 to (*Acanthocephala*) (syn. C. (Eucerc.) *chlor.* Dies.) (in *Pal. vivip.*).—Baer, 1827b, 622, pl. 31.—R. Bl., 1888a, 554.—Erc., 1881e, 7–8, 9, 11, 12, pl. 1, figs. 1–2 (in *Pal. vivip.*, *P. achatina*); 1882a, 243–244, 245, 247, 248.—Fil., 1854a, 7.—Mont., 1888, 75.—Moul., 1856a, 80, pl. 5, fig. 7, 103 (syn. of *C. microcotyla* Fil.), 157, pl. 5, bis fig. 12 (syn. Cerc. II of Baer; in *Pal. vivip.*).—Par., 1894, 163.
- clausi* Mont., 1888, 79 (for *clausii*).
- clausii* Mont., 1888, 77, 79 (*clausi*); 1891, 110.—Braun, 1893a, 837, 854.—Giard, 1897c, 954, 955 (*clausi*).—Pintner, 1891, 285–294, 1 pl.; 1892, 619.
- columbellæ* Pag., 1862, 306, pl. 29, figs. 1–3 (in *Columbella rustica*).—Braun, 1889a, 362 (in *Col. rust.*); 1893a, 831.—Par., 1894, 163 (in *Col. rust.*; *Spezia*).
- cometa* Bory St. Vincent, 1823a, 354 (in *Intusions d’orge*).
- coni mediterranei* Fil., 1857c, 14.—Mont., 1893, 2.—Par., 1894, 163 (in *Conus mediterraneus*; *Mediterranean*).
- conum* Erc., see Par., 1894, 164 (in *Bythinia tentaculata*; *Bologna*).
- cornuta* Bosc, 1802a, v. 3, 224, pl. 32, fig. 2.
- coronata* Fil., 1855b, 10–13, 15, 23, pl. 1, figs. 11–13 (in *Lymnæus palustris*, L. *stagnalis*; *Moncalier*); 1857b, 426–429, pl. 1, figs. 11–13; 1857c, 4.—Biehringer, 1884, 5, 22.—Dies., 1858d, 249, 250, to (*Gymnocephala*) (in *Lymn. pal.*, L. *stag.*).—Moul., 1856a, 100, 111–114 (*redia*), 117, 118, 202–203 (in *Lymn. stag.*; *Moncalier*; L. *pal.*).—Par., 1894, 162.
- cotylura* Pag., 1862, 293–305, pls. 28–29, figs. 9–10 (in genital glands of *Trochus cinereus*; *Cette*).—Biehringer, 1884, 15.—Braun, 1892a, 809; 1893a, 831, 839.—Levin., 1881a, 81.—Ziegler, 1883, 540.
- crassa* Erc., 1881 or 1882, see Par., 1894, 164 (in *Bythinia tentaculata*; *Bologna*).—Looss, 1894a, 32.
- crassicauda* Erc., 1881 or 1882, see Par., 1894, 164 (in *Bythinia tentaculata*; *Bologna*).
- cristata* LaValette, 1855, 23, pl. 2, fig. K (in *Limnæus stagnalis*).—Braun, 1893a, 821, 832, 834, 839; 1893b, 183 (in *Cleopatra bulimoides*; *Cairo*, Egypt).—Dies., 1858d, 243 (syn. of *Lophocercaria fissicauda* Dies.).—Erc., 1881e, 37–41, 42, 43, 44, 87, pl. 1, figs. 23–26 (in *Limn. stag.*); 1882a, 273–277, 278, 279, 280, 323.—Fil., 1856b, 86; 1857c, 7–8, pl. 1, fig. 11 (in *Valvata piscinalis*, *Paludina impura*, *Planorbis submarginatus*, *Lymn. stag.*, L. *palustris*).—Looss, 1896b, 210.—Moul., 1856a, 110, 118, 141, 173 (in *Lymn. stag.*; *Berlin*).—Par., 1894, 162.—Ziegler, 1883, 564.
- crumena* Mueller, 1786, 129, pl. 20, figs. 4–6 (in *infusio Ulvæ linzæ marino*).—Bosc, 1802a, v. 3, 226.—Bruguière, 1792a, 456, 462.—Nitzsch, 1827, 68–69 (type of *Crumena*).
- cucumerina* Erc., 1881, see Par., 1894, 164 (in *Bythinia tentaculata*; *Bologna*).—Braun, 1893a, 831.
- cycladis rivicolæ* Dies., 1850a, 298 (based on Sieb., 1837, 388) (in *Cyclas rivicola*, *liver*); 1855a, 400 to *Cercariæum*.—Moul., 1856a, 85, 168 (in *Cyc. rivic.*).—Uličný, 1878, 212.
- cyclidium* Mueller, 1773, 68–69 (in “*aquis purioribus frequens*”); 1776, 206; 1786, 137–138, pl. 20, fig. 2.—Bosc, 1802a, v. 3, 228.—Bruguière, 1792a, 457, 465.—Gmelin, 1790a, 3891.—Herbst, 1789a, 130.—Nitzsch, 1827, 69 (type of *Cyclidium*).—Schränk, 1803, 84.

CERCARIA—Continued.

- cymbuliæ* Græffe, 1860a, 47–49, pl. 10, figs. 4–9 (in *Cymbulia peronii* Les.; Nizza).—Braun, 1892a, 672; 1893a, 833.—Mont., 1888, 75, 77, 81; 1893, 209.—Pag., 1862, 298.—Par., 1894, 165.
- cystophora* Will.-Suhm, 1870, 5 (for *cystophora*).
- cystophora* Wagener, 1866, 145, 146 (in *Planorbis marginatus*).—Biehringer, 1884, 15, 22.—R. Bl., 1888a, 603, 605.—Braun, 1883a, 54, 64; 1889a, 365 (t. h. Plan. marg.); 1891c, 218; 1891f, 369; 1892a, 775, 804; 1892b, 188; 1893a, 817, 832, 833, 834, 854, 857; 1893b, 183; 1898a, 1581.—Cobbold, 1876, 211; 1879b, 324.—Creutzberg, 1890a, 6, 7, 8, 27, 29.—Dolley, 1894a, 984 (of Will.-Suhm, larva of *Dist. ovocaudatum*); 1901, 984.—Gamb., 1896, 72.—Hahn & Lefevre, 1884a, 538.—Kholodk., 1898, 28.—Leuck., 1876a, 873.—Looss, 1894a, 111; 1896b, 226, 227, pl. 16.—Rossbach, 1906, 369.—Sons., 1897, 253.—Ssnitzin, 1906, 686 (larva of *Halipegus ovocaudatus*).—Stoss., 1892, 23.—Will.-Suhm, 1870, 4, 5.—Ziegler, 1883, 540.—Zuern, 1882, 209.
- dichotoma* Mueller, in La Valette, 1855, 38 [see Mueller, 1850, 485–500].—Dies., 1858d, 265 (free; Nice), to (*Schizocerca*).—Mont., 1888, 77; 1896, 164.—Moul., 1856a, 213–214.—Pag., 1862, 298.—Villot, 1875, 477, 479; 1878, 37.
- diesingii* (Fil., 1837) Moul., 1856a, 95–96, pl. 5, bis fig. 5 (syns. *Diplodiscus diesingii*; *Redia gracilis*) (in *Planorbis nitidus*, P. vortex).—Dies., 1858d, 272 (syn. *Diplocotyle mutabilis*).
- diplocotyle* Pag., 1857, 25–27, 49, 52, pl. 3, figs. 9–12 (in *Planorbis marginatus*; includes *Redia gracilis* Filippi); 1862, 301.—Braun, 1893a, 839.—Cobbold, 1879b, 452, 454.—Dies., 1858d, 241, 242, 273 (syn. of *Diplocotyle mutabilis*).—Fil., 1857c, 32.—Kitt, 1885a, 148 (larva of *Amphist. subclavatum*).—Looss, 1902m, 444 (syn. of *Amphist. subcl.*).—Villot, 1878, 36 (syn. *Diplodiscus diesingii* Filippi).
- discus* Mueller, 1786, 138, pl. 20, fig. 3 (in *aqua palustri raro*).—Bosc, 1802a, v. 3, 228.—Bruguière, 1792, 457, 465–466.—Nitzsch, 1827, 69 (to *Cyclidium*).
- distomatosa* Linst., 1889a, 118, based on Sons., 1884, 98–102 (in *Cleopatra bulimoides*).—Braun, 1893b, 183 (in Cl. bul.).—Looss, 1896b, 197–204, pl. 14, figs. 152–158 (in Cl. bul.; Egypt).—Sons. [1884, 61 (*Cercaire distomateuse*)], 1892, Oct. 7, 144 (in Cl. bul.; Cairo, Egypt).
- distomi folii* Looss, 1894a, 251 (syn. *Dist. duplicatum*).
- d[istomi] hepatici* Looss, 1894a, 252.
- distomi homolostomi* Linst., 1889a, 120, based on Linst., 1887d, 104–105, pl. 2, figs. 5–6, 17a (in *Limnæa stagnalis*).
- distomi militaris* Braun, 1893a, 832, based on Ben., 1858a.
- distomi perlati* Looss, 1894a, 32.
- distomi retusi* Linst., 1878a, 327, based on Ben., 1858a, 98, pl. 11, figs. 7–27 (in *Limnæa stagnalis*).
- duplicata* (Baer, 1826) Moul., 1856, 77–78, 100, 116, 119, 143–146, 173, 177, pl. 5, fig. 1, pl. 5, bis fig. 9 (to *Dist.*) (in *Anodonta ventricosa*, A. anatina, A. cygnea).—Braun, 1893a, 832.—Dies., 1858d, 271 (syn. of *Rhopalocerca tardi-grada* Dies.).—Looss, 1894a, 23, 256, 264.
- ecaudata* Eichwald, 1829a, 248, pl. 1, figs. 16a–c (in *Lymnæus stagnalis*).
- echinata* Sieb., 1837, 187 (in *Lymnæus stagnalis*; Gedani); 1845, 228; 1850, 671.—Baillet, 1866b, 93 (of Duj.).—Ben., 1858a, 1861a, 86, 180 (syn. of *Dist. militare*), 89 (to *Dist.*), 204, 215, 221.—Biehringer, 1884, 5, 7.—Braun, 1883a, 53, fig. 13; 1892a, 770, 772, 797; 1893a, 863; 1906, 144, 79.—Chatin, 1894b, 1356–1358 (excretory canals); 1895a, 20.—Dav., 1877, lxxi, fig. 33.—Dies., 1850a, 297 (syn. of *C. fallax*); 1855a, 377, 378 (tail), 380, 388, 390 to (*Hormocercaria*), 391; 1858d, 246, 248, 260–262 to (*Nephrocephala*) (syn. *C. (Hormocerc.) ech.* Siebold) (in *Paludina vivipara*, *Planorbis corneus*, *Lymn. stag.*) (larva of *Dist. ech.*), 261 to (*Hormocercaria*); 1858e, 344 (*C. Nephrocephala ech.* syn. of *Dist. ech.*)—Erc. 1881e, [14], 15, 22, 25–33, pl. 1, figs. 50–58, pl. 2, figs. 1, 2–5, 46, 47, 48, 52, 57, 70, 73, 88, 90; 1882a, [250], 251, 258, 261–269, 282, 283, 284, 288, 293, 307, 309, 324, 326.—Fil. 1854a, 6, 9, 14, 16, 17, 18, 21, 22, 24; 1855b, 10, 11, 19, 20, 21, 22, 25; 1856a, 267; 1857c, 4, 21.—Hahn & Lefevre, 1884a, 516.—Henle, —, 6.—Keber, 1851a, 90.—Leuck., 1863, 494, 498, 516, 518, 519, figs. 169, 174.—Linst., 1873, 1 (larva of *Dist. ech. Zed.*); 1873, 106

CERCARIA—Continued.

- (larva of Dist. ech. Zed.) (in Plan. corn., Pal. vivip., Lymn. stag.).—Looss, 1894a, 252; 1902m, 455.—Mont., 1893, 205.—Moul., 1856a, 67, 68, 77, 90–93, pl. 5, figs. 15–17, 95, 96, 97, 105, 106, 109, 110, 111, 112, 116, 118, 135, 138, 184–190 (syns. C. VII. Baer, C. fallax Dies.), pl. 6, fig. 7, 191, 192, 193, 203 (in Lymn. stag., Pal. vivip., P. impura; Berlin).—Mueller, 1843, v. 6, 57–60 (= C. fallax).—Nord., 1840, 631.—Par. 1894, 162.—Rossbach, 1906, 363.—Sons. 1897, 252.—Spengel, 1905, 258.—Steenstrup, 1842, 28–40, 41, 49, 51–78, pl. 2.—Tennent, 1906, 661.—La Valette, 1855, 16, pl. 1, figs. C–M.—Wagener, 1857, 39, pl. 36A, fig. 12.—Waldenberg, 1860, 21.
- echinatoides* Fil., 1854a, 14–24, 25, 26, 28, pl. 2, figs. 19–25; 1854b, 266–278, pl. 2, figs. 19–25 (in *Paludina vivipara*, P. *achatina*; Lake Varese; Lombardy); 1855b, 11, 12, 13, 16, 18, 19, 23, 25 (syn. C. *echinifera* La Valette); 1857c, 4, 16, 21.—Baillet, 1866b, 93, 94, 96, 98.—Braun, 1892a, 797.—Dies., 1855a, 377, 380, 382, 387, 391–392 to (Hormocercaria); 1858d, 261, 262–263 to (Nephrocephala) (syns. C. (Hormocerc.) *echinatoides* Fil.; Cerc. *echinifera* La Valette; Dist. *echiniferum* Pag.) (adult of Dist. *echiniferum* La Valette) (in Pal. vivip., P. *achatina*); 1858e, 346 (C. (Nephrocephala) *echinatoides* as syn. of Dist. *echiniferum*).—Erc., 1881e, 25, 26, 28, 29, 31; 1882a, 261, 262, 264, 265, 267.—Harz, 1881c, 3.—Linst., 1873, 106 (larva of Dist. *trigonocephalum* Rud.) (in Pal. vivip., P. *achatina*).—Moul., 1856a, [72], 74, 93–94, pl. 5, bis fig. 1, 97, 105–106, 116, 149, 190, 191–201, pl. 6, fig. 6, 202, 203, 226, 227, 228, 229, 234 (syn. C. *echinifera* La Val.) (in Pal. vivip.; Berlin).
- echinifera* La Valette, 1855, 14–16, pl. 1, figs. A–F (in *Paludina vivipara*).—R. Bl., 1888a, 605.—Braun, 1892a, 772.—Dies., 1858d, 261, 262 (syn. of C. (Nephrocephala) *echinatoides* Fil.).—Dolley, 1894a, 984 (= *echinatoides*).—Erc., 1881e, 25 (= *echinatoides*), 26, 28, 29, 31; 1882a, 261, 262, 264, 265, 267.—Fil. 1855b, 25 (syn. of C. *echinatoides* Fil.); 1857c, 21.—Hahn & Lefèvre, 1884a, 516.—Linst., 1873, 106 (larva of Dist. *militare* Rud.) (in Pal. vivip.).—Moul., 1856a, 105, 109, 110, 191, 192, 200 (syn. of C. *echinatoides* Fil.).—Pag., 1857, 53.—Will.-Suhm, 1870, 4.
- echinocerca* Fil., 1855b, 17–19, 22, 23, 25, pl. 2, figs. 19–20 (in *Buccinum linnæi*; Gulf of Gênes); 1857, 433–435, pl. 2, figs. 19–20.—Dies., 1858d, 268 (*Histriionella echinocerca* Dies.).—Mont., 1888, 10, 77; 1888, 195, 198; 1888, 194; 1893, 2, 124.—Moul., 1856a, 114–115, 116, 211–212 (in Bucc. linn.; Gulf of Gênes).—Villot, 1875, 479 (in Bucc. linn.).
- efemera* Ssinitzin, 1905, 158 for *ephemera*.
- elegans* Mueller, in La Valette, 1855, 13, 38, pl. 2, fig. 2, based on Mueller 1850, 496, free form.—Braun, 1893a, 831, 832.—Dies., 1858d, 269 (to *Histriionella*).—Mont., 1888, 194, to (Hist.).—Moul., 1856a, 214.—Pag., 1862, 298.—Villot, 1875, 479; 1878, 35.
- ephemera* Nitzsch (1807), 33–36; 1817, 29, pl. 1, figs. 1–13 (in *Planorbis corneus*; Halle); 1827, 67–68 (Pl. corn.).—Baillet, 1866b, 95, 96, 98.—Biehringer, 1884, 5.—Braun, 1892a, 770, 772; 1893a, 848, 849, 851, 858.—Brett, 1881b, 141.—Dies., 1850a, 299 (to *Histriionella*); 1855a, 392 (to Hist.); 1858d, 244 (of Sieb., syn. of *Glenocerc. flava*), 267 (of Wagener to Hist.).—Duj., 1845a, 478.—Eichwald, 1829a, 247, 248.—Erc., 1881e, 23; 1882a, 259 (of Nitzsch as doubtful syn. of Cerc. *tripunctata* Erc.).—Fil., 1855b, 20, 22, 25 (syn. C. *flava* La Valette); 1857c, 31.—Florance, 1866a, 12.—Hemp. & Ehrenb., 1828a (to Hist.).—Leuck., 1863, 494, 515, 522, 523.—Looss, 1896b, 194, 197.—Moul., 1856a, 77, 94–95, pl. 5, bis fig. 3, 116, 204–208, pl. 6, figs. 4, 5 (syns. Hist. *ephemera* Hemp. & Ehrenb.; C. *flava* La Val.) (in Plan. corn. by Sieb. and Val.; *Paludina impura* by Baer; P. *vivipara* by Nitzsch and Baer).—Nord., 1840, 631 (eyes; cf. Hist. Ehrenb.).—Pag., 1857, 24–25, pl. 2, figs. 7–12 (in Plan. corn.).—Sieb., 1835, 70; 1837, 187, 189; 1850, 670; 1854, 14, 18, 19, 25, figs. 1, 4–9, 13, 14.—Sons., 1897, 252.—Ssinitzin, 1905, 158 (*efemera*).—Steenstrup, 1842, 37, 51–55, 56, 65, 94.—Wagener, 1857, 21.
- ericetorum* Linst., 1898, 761–762, fig. 8 (in *Xerophilus ericetorum*; near Göttingen, Germany).
- exfoliata* Moul., 1856a, 87, 116, 180–183, pl. 6, figs. 13, 14 [new name for Dist. of *Leucochloridium paradoxum*].—Cobbold, 1879b, 435.—Dies., 1858d, 277 (syn. of Leuc. par. Carus).—Erc., 1881e, 55 (Cerc. of Leuc. par.); 1882a, 291.—Zeller, 1874.
- exigua* Looss, 1896b, 230–232, pl. 16, figs. 181–182 (in *Cleopatra bulimoides*; Egypt).

CERCARIA—Continued.

- fallax* Dies., 1850a, 297 (includes "Cerc. echinatum Siebold?" Dist. pacifica; Cerc. VII. Baer) (in *Paludina vivipara*, *Limnæus stagnalis*); 1855a, 380, 387 to (Eucerc.) 388, 391 (Dies., 1850a, partim as syn. of C. (Hormocerc.) echinata); 1858d, 247–248, 262, to (Gymnocephala) (syn. C. (Eucerc.) fallax Dies.) (in Lym. stag.; Pal. vivip.).—Baer, 1827, 629, pl. 31, figs. 7a, 7b.—Ben., 1858a, 1861a, 86 (syn. of Dist. militare).—Bojanus, 1818, 729, pl. 9, figs. A–F.—Fil., 1857c, 32.—Henle, —, 6.—Moul., 1856a, 184 (syn. of C. echinata Sieb.).—Mueller, 1843.—Pag., 1857, 3, 4, 6, 21, 23–24, pl. 3, fig. 1 (in Lim. stag.).—Schwammerdam, —, 75.—Sieb., 1845, 228; —, 187.—Steenstrup, —, 51, 78, pl. 2.
- fascicularis* Villot, 1875, 480, pl. 14, fig. 4 (in *Nassa reticulata*; Roscoff).
- fissicanda* Moul., 1856a, 109 (for *fissicauda*).
- fissicauda* La Valette, 1855, 21, pl. 2, figs. 6, H (in *Limnæus stagnalis*).—Braun, 1893a, 821; 1893b, 183 (in *Physa alexandrina*).—Dies., 1858d, 265 to (Schizocerca) (in Lym. stag.; Berlin).—Fil., 1857c, 23.—Mont., 1888, 196, 197 (fissicauda); 1888, 9, 76, 77 (fissicaudata).—Moul., 1856a, 109 (fissicanda), 118, 171 (in Lym. stag.; Berlin).—Sons., 1897, 253.—Villot, 1878, 32, 36–37, pl. 10, figs. 9–11 (in *Scrobicularia tenuis*).
- fissicaudata* Mont., 1888, 196; 1888, 9, 76, 77 (for *fissicauda*).
- flava* La Valette, 1855, 24–25, pl. 2, figs. 8, a, g. (= C. ephemera Nitzsch, renamed).—Dies., 1858d, 244 (to *Glenocerc.*).—Fil., 1855b, 25 (syn. of C. ephemera).—Moul., 1856a, 204 (syn. of C. ephemera).
- flavopunctata* Par., 1894, 703 (for C. fulvopunctata).
- folii* Looss, 1894a, 256 (syn. Dist. duplicatum).
- forcipata* Mueller 1786, 134–135, pl. 20, figs. 21–23 (in aqua palustri rarissime).—Bosc, 1802a, v. 3, 227.—Bruguière, 1792, 457, 464.—Nitzsch, 1827, 68 to *Dicranophorus*.
- fulgopunctata* Braun, 1893a, 831 (for *fulvopunctata*).
- fulvopunctata* Erc., 1881 or 1882, see Par., 1894, 161 (in *Bythinia tentaculata*; Bologna).—Spengel, 1905, 258.
- furcata* Nitzsch, [1817], 49, pl. 2, figs. 12–18; 1827, 68 (syn. *Vibrio malleus* Mueller).—Baer, 1827, 626–629.—Braun, 1893a, 821, 846.—Dies., 1850a, 295 (to *Malleolus*, only species, ?type by tautonymy *malleus*).—Fil., 1855b, 21, 22, 23; 1857c, 19, 23, pl. 2, fig. 31.—Moul., 1856a, 77, 84–85, pl. 5, fig. 13, 115, 116, 118, 120, 168, 169, 170, 171 (= Cerc. VI. of Baer) (in *Limnæus stagnalis*; *Paludina vivipara* by Baer).—Nitzsch, 1827, 68 (syn. *Vibrio malleus*).—Nord., 1840, 631.—Pag., 1857, 4.—La Valette, 1855, 22, pl. 2, fig. J.
- [*furcata* Eichwald, 1829a, 247.]
- gibba* Mueller, 1773, 120; 1786, 120–121, pl. 18, fig. 2 (in infusione jungermanniæ tamarisci).—Bory St. Vincent, 1823a, 355 (in infusions de Jungermannes).—Bruguière, 1792, 456, 458.—Nitzsch, 1827, 68, to *Macrocerca*.—Schränk, 1803, 85.
- gibba* Fil., 1854a, 13, 26, pl. 1, fig. 18 (in *Limnæus pereger*); 1854, 266, pl. 10, fig. 15; 1855b, 23.—Bosc, 1802a, v. 3, 225.—Dies., 1855a, 389 to (*Xiphidiocerc.*); 1858d, 257, to (*Acanthocephala*) (syn. C. (*Xiphidiocerc.*) g. Fil.) (in Lym. per.; Turin).—Erc., 1881e, 17–18, pl. 1, figs. 29–31; 1882a, 253–254.—Moul., 1856, 82, 159–160, pl. 5, bis fig. 15 (in Lym. per.).—Par., 1894, 162.—Ssnitzin, 1906, 686 (in *Limnæa stagnalis*, L. palustris; Warschau), larva of *Opisthioglyphe endoloba*.
- globipora* Erc., 1881 or 1882, see Par., 1894, 164 (in *Bythinia tentaculata*; Bologna).—Looss, 1894a, 47, 48.
- gorgoderæ cygnoides* Kowal., 1904, 24 (9) (in *Cyclas cornea*; Dublany).
- gorgoderæ loossi* Ssnitzin, 1905, 44–46, pl. 1, figs. 3, 14 (syn. Cerc. macrocerca Wagener); 1906, 683 (in *Epitheceæ*; Warschau).
- gorgoderæ pagenstecheri* Ssnitzin, 1905, 46–47, pl. 1, figs. 4, 7, 13, pl. 2, figs. 15, 19, 20 (syn. C. macrocerca Thiry); 1906, 683.
- gorgoderæ varsoviensis* Ssnitzin, 1905, 47–49, pl. 1, fig. 5, pl. 2, figs. 16, 18; 1906, 683.
- gorgoderæ vitelliloba* Ssnitzin, 1905, 49–51 (syn. Cerc. macrocerca Fil., 26, pl. 10, fig. 7); 1906, 683.

CERCARIA—Continued.

- gracilis* La Valette, 1855, 20–21, pl. 1, fig. 13 (in *Planorbis corneus*).—Ben., 1858a, 1861a, 220.—R. Bl., 1888a, 555.—Dies., 1858d, 264–265 (in *Plan. corn.*; Berlin) to (*Schizocerca*), 270.—Fil., 1857c, 23.—Moul., 1856a, 108–109, 116, 170–171 (in *Plan. corn.*; Berlin).—Wagener, 1866, 146.
- gyrinus* Mueller, 1773, 64–65 (in infusioni animali raro); 1776, 206; 1786, 119–120 (syn. *Macrocerus corpore globoso*, pl. 18, fig. 1.—Bory St. Vincent, 1823a, 354–355 (in infusions animales).—Bosc, 1802a, v. 3, 224–225.—Bruguère, 1792, 456, 458.—Gmelin, 1790a, 3892–3893.—Herbst, 1789a, 129, pl. 80.—Nitzsch, 1827, 68 to *Macrocerus*.
- haimeana* (Lacaze-Duthiers, 1854) Moul., 1856, [87] 178–179, pl. 6, fig. 12 (in *Ostrea edulis*, *Cardium rusticum*; Mahon, Cette).—Badcock, 1875a, 145.—Clapartè, 1863, 10–12, pl. 4, figs. 8–9 (syn. *Bucephalus haimeanus* Lacaze-Duthiers).—Dies., 1858d, 276 (to *Bucephalopsis*).—Giard, 1874e, 486.—McCrady, 1874, 180.
- haimejana* Erc., 1881e, 41 (*Bucephalus haimeanus*, renamed); 1882a, 277.
- helicis aspersæ* (Dies., 1855) Moul., 1856c, 83–84, 166–167 (based on Duj., 1845a, 472 (in *Helix aspersa*).—Dies., 1858d, 277 (to *Cercariæum*).—Par., 1894, 164.
- helicis carthusianellæ* [Erc., 1881e, 95, pl. 1, figs. 45–47; 1882a, 331 (*Cerc. dell' Helix carthusianella*)].—Par., 1894, 164 (Bologna).
- helicis maculosæ* [Erc., 1881e, 95, pl. 1, figs. 48, 49; 1882a, 331].—Par., 1894, 164 (Bologna).
- helicis viviparæ* Dies., 1850a, 298 (for Dist. Bojanus, 1818, 730; Vilnæ); 1855a, 399.
- hirta* Mueller, 1786, 128, pl. 19, figs. 17, 18 (in aqua marina bis tantum).—Bosc, 1802a, 226.—Bruguère, 1792, 456, 461.—Nitzsch, 1827, 69 (type of *Coleps*).
- histrionella* Ehrenb.—Wagener, 1834, 131–132.
- hyalocauda* Haldemann (1840a).—Evarts, 1880a, 230–232, figs. 34–36 (in *Physa heterostropha* Say).
- hymenocerca* Villot, 1875, 479–480, pl. 14, figs. 5–7 (in *Calyptræa sinensis*; Roscoff).
- imbricata* Looss, 1893a, 20 (in *Bythinia tentaculata* Gray=*Paludina vivipara* Lam.; near Leipzig); 1896b, 192–197 (sub *Monost. verrucosum*; in *Melania tuberculata* Bourg.); 1902m, 444 (sub *Notocotyle verrucosa*).—Sons., 1897, 252.
- incistidata* Perroncito [1879, 7–9.], 1880, 454–457, 1 fig. (in *Rana esculenta*).—Erc., 1881e, 13, 14, 15, 30, 32, 57, 63; 1882a, 249, 250, 251, 266, 268, 293, 299.
- inermes Looss, 1892a, 128, not as specific name, but meaning unarmed cercariæ.
- inquieta* Mueller, 1786, 121–122, pl. 18, figs. 3–7 (in aqua marina).—Baer, 1826a, 125.—Ben., 1858a, 1861a, 312.—Bory St. Vincent, 1825b, 253.—Bosc, 1802a, v. 3, 225.—Bruguère, 1792, 456, 458–459.—Dies., 1850a, 300 (to *Histrionella*).—Mueller, J., 1850, 496.—Moul., 1856a, 213 (of Nitzsch, 1817).—Nitzsch, 1817, 47; 1827, 67, 68.—Villot, 1875, 479.
- isopori* Looss, 1894, 55 (in *Cyclas rivicola*).
- lacrhyma* Bory St. Vincent, 1823a, 354 (in infusions d'orge et d'avoine).
- lata* Lespès, 1857, 114–116, pl. 1, fig. 13 (in *Venus decussata*; Arcachon).—Braun, 1893a, 832.—Dies., 1858d, 251, to (*Gymnocephala*) (in V. dec.).—Florance, 1866a, 7.—Pag., 1862, 297, 298, 299 (in V. dec.).—Villot, 1875, 479 (in V. dec.).
- lemna* Mueller, 1773, 67–68 (in aquis paludosis); 1776, 206; 1786, 122–123, pl. 18, figs. 8–12; —, 2485.—Abildg., 1793, 89.—Baer, 1826a, 125.—Bory St. Vincent, 1825b, 253.—Bosc, 1802a, v. 3, 225.—Bruguère, 1792a, 456, 459.—Dies., 1850a, 299 (to *Histrionella*).—Gmelin, 1790a, 3892.—Herbst, 1789a, 130.—Hermann, —, 160, pl. 3, figs. 43a–d.—Moul., 1856a, 213.—Nitzsch, 1827, 67, 68.—Schrank, 1803, 79–80.—Wagner, 1832, 394, pl. 4, figs. 1–6.
- leptosoma* Villot, 1878, 32–33, pl. 9, figs. 4–5 (=Cerc. stage of Dist. *leptosomum* "Crep.") (in *Scrobicularia tenuis*).—Nicol, 1906, 517, 518 [larva of *Echinost. leptosomum*] (in *Scrob. ten.*).
- leucochloridii* Leuck., 1858a, 114, see *Leucochloridium paradoxum*.
- limacis* (Dies., 1850) Moul., 1856, 83, pl. 5, fig. 11, pl. 8, fig. 12, pl. 9, figs. 8–9; 103, 163–164 pl. 8, figs. 19, 20, pl. 19, figs. 11–12; 165 (in *Limax cinerea*; Genève).—R. Bl., 1888a, 554.—Braun, 1893a, 831.—Dies., 1858d, 259 (syn. of *C. (Acanthocephala) trigonocerca* Dies.).—Erc., 1881e, 59; 1882a, 295.

CERCARIA—Continued.

- limnææ ovata* Linst., 1884, 142; 1887d, 98, 99, 100 (in *Limnophilus rhombicus*), 105.—Stoss., 1889, 66 (syn. of *Dist. endolobum*).
- limnææ truncatula* Linst., 1892, 331–332, pl. 15, fig. 17 (in *Limnæa truncatula*).
- linearis* Lespès, 1857, 117, pl. 1, fig. 16 (in *Littorina littorea*).—Braun, 1893a, 381.—Dies., 1858d, 258 (in *Littorina littorea*) to (*Acanthocephala*).—Pag., 1862, 297 (in *Litt. litt.*).—Villot, 1875, 479.
- longicaudata* Piana, 1882, see Par., 1894, 161 (in *Helix nemoralis*, *H. carthusiana*; Reggio Em.) (see also *longocaudata*).—Dolley, 1894a.
- longocaudata* Piana, 1882, teste Par., 1894, 622 (misprint?) (in *Helix carthusiana*), as larva of *Dist. lanceolatum*.
- lophocerca* Fil., 1857c, 5, pl. 1, figs. 3–4 (in *Paludina impura*).—Braun, 1893a, 832.—Dies., 1858d, 245 (to *Glenocerc.*).—Erc., 1881e, 24, 25, 35; 1882a, 260, 261, 271.—Looss, 1894a, 252.—Par., 1894, 163 (in *Bythinia tentaculata*, *Pal. vivipara*, *P. achatina*; Torino by Fil., 1858).
- luna* Mueller, 1786, 139, pl. 20, figs. 8, 9 (in eadem aqua, ac proxime precedens, rarissime [C. orbis]); [Zool. Dan. prodr. addend., 1776, 280].—Bosc, 1802a, v. 3, 228.—Bruguière, 1792a, 457, 466.—Nitzsch, 1827, 69 to *Lecane*.
- lungo-caudata* Piana, see R. Bl., 1888a, 603 (in *Helix carthusiana*), see also *longicaudata*.
- lupus* Mueller, 1773, 67 (in aquosis, ubi *Lemna* vegetat, rara); 1776, 206; 1786, 131–133, pl. 20, figs. 14–17.—Bosc, 1802a, v. 3, 227.—Bruguière, 1792a, 456, 463.—Gmelin, 1790a, 3892.—Hemp. & Ehrenb., 1828a (type of *Cycloglena*).—Herbst, 1789a, 130.—Nitzsch, 1827, 68, to *Dicranophorus*.—Schränk, 1803, 83–84.
- lutea* (Ben., 1870) Giard, 1897c, 954–956 (to *Brachycœlium luteum* Ben.) (in *Tapes decussatus*, *T. pullastra* at Arcachon; *Donax trunculus*; Wimereux); 1897d, 957; 1903h, 27–28.—Caullery & Chappellier, 1906, 325.—Pelseneer, 1895, 357.—Also reported for *Pholas candida*.
- lymnæi auricularis* (Fil., 1854) Moul., 1856, 84, pl. 5, fig. 12; 167 (in *Lymnæus auricularis* by Fil.).—Dies., 1858d, 279 (to *Cercariæum*).—Looss, 1894a, 32, to (*Dist.*).
- lymnæi obscuri* Erc., 1881e, 33–35, pl. 1, figs. 16–17, 46; 1882a, 269–271, 282 (in *Lymnæus obscurus*, *L. stagnalis*).—Par., 1894, 162 (in *Lymn. obs.*; Bologna by Erc.).
- macaci* Cobbold, 1861, 119 (in *Macacus radiatus*).
- macorcerca* Looss, 1894a, 253 (misprint for *macrocerca*).
- macrocerca* Fil., 1854a, 13, 26, pl. 1, figs. 15–18 (in *Cyclas cornea*; Turin); 1855, 341, pl. 1, figs. 15–17; 1855b, 22, 24.—Baillet, 1866b, 93.—Biehringer, 1884, 2–3, 7, 9, 16, 17, 18, 22, 26.—Braun, 1883, 56; 1890e, 595; 1891c, 218; 1891f, 369; 1892a, 634, 808, 809, 810; 1892b, 188; 1893a, 831, 832, 854.—Claparède, 1863a, 12.—Cobbold, 1879b, 470.—Dies., 1855a, 389 to (*Xiphidiocerc.*); 1858d, 255, to (*Acanthocephala*) (syn. *C. (Xiphidiocerc.) macr. Fil.*) (larva of *Dist. cygnoides* Zed.) (in *Cyclas cornea*; Turin); 1858e, 334 to (*Acanthocephala*) (as syn. of *Dist. cyg.*)—Fraipont, 1880a, 397; 1880c, 419, 441; 1883a, 35.—Gamb., 1896, 72.—Hahn & Lefèvre, 1884a, 516.—Jackson, 1888, 651.—Juel, 1889, 15.—Kerbert, 1881a, 556.—Kowal., 1902d, 27 (9) [larva of *Gorgodera cygnoides*, in *Cyclas cornea*].—Leuck., 1863, 511, 512.—Linst., 1873, 1 (larva of *Dist. cyg. Zed.*).—Looss, 1885b, 19; 1892a, 125; 1894a, 23, 63, 129, 236, 244, 251, 253 (*macrocerca*), 256, 264, pl. 6, fig. 129; 1895b, 227; 1902m, 444 (sub *Gorgodera cygnoides*).—Mace, 1882, 61.—Mont., 1888, 41.—Moul., 1856, 82, 119, 160–161, pl. 6, figs. 1, 2; 173 (in *Cyc. corn.*; Turin).—Pag., 1862, 299.—Par., 1894, 165.—Pratt, 1898, 361.—Ssinitzin, 1905, 49 (of Fil., syn. of *vitelliloba*), 46 (of Thiry, syn. of *pagenstecheri*), 44 (of Wagener, syn. of *loossi*); 1906, 682.—Thiry (1859), v. 10 (2), 271–277, pls. 20–21, figs. 1–13; (1860), v. 10, 271–277, 2 pls.—Úličný, 1878, 212, 214.—Villot, 1882, 507.—Wagener, 1857, pl. 29.—Ziegler, 1883, 540, 547 (in *Limnæa* sp.).
- magna* Pag., 1857, 3, 4, 22–23, pl. 2, figs. 13–14 (in *Paludina vivipara*).—Dies., 1858d, 247, to (*Gymnocephala*) (in *Pal. vivip.*; Heidelberg).
- major* Nitzsch, 1817, 44, pl. 2, figs. 1–8; 1827, 68 (syn.? *Brachionus proteus*).—Dies., 1850a, 299 (syn. of *Histrionella lemna*).—Moul., 1856a, 213.—Mueller, 1850, 497.—Pag., 1857, 23.

CERCARIA—Continued.

- megacotyla* Dies., 1858d, 263, to (*Nephrocephala*) (syn. *Dist. echinatoides* Pag., nec Fil.) (in *Anodonta cygnea*; Heidelberg).
- megacotylea* Villot, 1878, 30, pl. 9, fig. 7 (in *Mysis*).—Braun, 1893b, 183 (?syn. of *C. capriciosa*).—Cuénot, 1892.
- melanoglena* Pag., 1862, 298 [*Melanoglena bipunctata* renamed].
- micracantha* Dies., 1858d, 259–260 (syn. *C. armata* Fil., 1855b, 3–5) to (*Acanthocephala*) (in *Triton punctatus*, *Lymnæus palustris*).—Linst., 1887, 100; 1878a, 205 (in *Tr. tæniatus*).
- microcotyla* Fil., 1854a, 7–12, 13, 26, pl. 1, figs. 5–10 (in *Paludina vivipara*, *P. achatina*; Lake Varese and Lombardy); 1854b, 260–265, pl. 10, figs. 5–10; 1855b, 6, 22, 23, 25 (syn. *C. pugnax* La Valette); 1856b, 85, 86; 1857c, 7, 15, 31.—Baillet, 1866b, 93.—Biehringer, 1884, 15.—Braun, 1892a, 809; 1893b, 183 (in *Melania tuberculata*; *Cleopatra bulimoides*).—Dies., 1855a, 378, 390 to (*Xiphidiocerc.*); 1858d, 253 to (*Acanthocephala*) (syn. *C. (Xiphidiocerc.) micr.* Fil.; *C. pugnax* La Valette) (in *Pal. achat.*; Lombardia; *P. vivip.*) (larva of *Dist. tetracystis* Gast.), 254 (syn. of *C. (Acanthocephala) vesiculifera* Dies.); 1858e, 348 (sub *Acanthocephala* as syn. of *Dist. tetracystis*).—Erc., 1881e, 7, 8, 9, 10, 11–15, pl. 1, figs. 10–15 (in *Pal. vivip.*, *P. achat.*; liver and genital organs; *Limnæus obscurus*, *Planorbis corneus*), 71; 1882a, 243, 244, 245, 246, 247–251, 307.—Linst., 1873, 1 (larva of *Dist. tetracystis* Gast.).—Moul., 1856a, 80 (*microtyla*), pl. 5, figs. 5–6, 103, 104, 153–157, pl. 5, bis fig. 11; 160, 161 (syns. *C. pugnax* La Valette, *C. chlorotica* Dies., *Cerc. II.* Baer) (in *Pal. vivip.*, *P. achatina*; Lac de Varèze and Berlin).—Sons., 1884, 58; —, 136–137; 1897, 253.
- microcristata* Erc., 1881 or 1882, see Par., 1894, 161 (in *Bythinia tentaculata*; Bologna).
- microtyla* Moul., 1856a, 80 (for *microcotyle*).
- micrura* Fil., 1857c, 5–6, pl. 1, figs. 5, 6 (in *Paludina impura*); 1859, —.—Biehringer, 1884, 3, 26.—Braun, 1893a, 831.—Dies., 1858d, 258, to (*Acanthocephala*) (in *Pal. imp.*; Turin).—Looss, 1894a, 47 (= *C. globipora*=*Dist. globiporum* Rud.) (in *Bythinia tentaculata*); 1896b, 208.—Mont. 1888, 76.—Par. 1894, 163.—Ssinitzin, 1906, 685 (in *Bythinia tentaculata*), 686 (in *Nephele vulgaris* but not *Limnæa*), larva of *Sphærost globiporum*.—Villot, 1878, 36.
- minuta* Erc. 1881 or 1882, see Par. 1894, 163 (in *Bythinia tentaculata*; Bologna).
- minuta* Nitzsch, 1817, 46, pl. 2, figs. 9–11 (in various mollusks at Halle); 1827, 68.—Dies., 1850a, 295; 1855a, 385 to (*Eucerc.*); 1858d, 246 to (*Gymnocephala*) (in various fresh-water mollusks at Halle).—Moul., 1856a, 213.—Spengel, 1905, 258.
- miocerca* Mont., 1888, 77 (for *myocerca*).
- mirabilis* Braun, 1891c, 218 (in *Limnæus palustris* var. *corvus*); 1891f, 369; 1892b, 187–188 (in *Limn. pal. corv.*; Kurischer Lowlands); 1893a, 821, 832, 834; 1893b, 183.
- mongeotii* Bory St. Vincent, 1823a, 354 (in water).
- monostomi* Linst. 1896i, in 376–377 (perhaps young of *Monost. mutabile*) (in *Limnæa ovata*, *L. peregra*; Weende, Germany); 1897a, 109.
- myocerca* Villot, 1878, 35–36, pl. 10, figs. 12–13 (in *Scrobicularia tenuis*).—Braun, 1893a, 832.—Mont., 1888, 9, 77 (*miocerca*).
- myzura* Pag., 1881, 18 (in *Neritina fluviatilis*).—Braun, 1893a, 831.
- neglecta* Fil., 1854a, 24, 26, pl. 2, figs. 26, 27 (in *Limnæus peregr.*); 1854, 278, pl. 11, figs. 26–27; 1855b, 23.—Dies., 1855a, 386 to (*Eucerc.*), 387; 1858d, 246 to (*Gymnocephala*).—Moul., 1856, 94, pl. 5, bis. fig. 2; 116, 204, pl. 6, fig. 9 (in *Lymn. per.*).—Par. 1894, 165.
- nodulosa* Linst., 1873, 3, pl. 1, fig. 5 (in *Bythinia tentaculata*); 1873, 142, figs. 30–32; 1878a, 323 (= *Dist. nodulosum*).—Looss, 1894a, 40 (in *By. ten.* by Linst.) (= *C. virgula* Fil., and *C. rostroaculeata*) (not *Dist. nodulosum*).
- obscura* Sons., 1892, Oct. 7, 138 (in *Limnæa natalensis*; Cairo, Egypt); 1896, 321.—Braun, 1893b, 183 (in *Limn. nat.*).
- ocellata* La Valette, 1855, 22–23, pl. 2, fig. 5 (in *Limnæus stagnalis*).—Braun, 1893a, 821, 834.—Dies., 1858d, 270 (syn. of *Histrionellina fissicauda*).—Erc., 1881e, 35–36 (in *Planorbis corneus*, liver), 49, pl. 1, figs. 43, 44, pl. 2, fig. 18; 1882a, 271–272, 285.—Moul., 1856a, 109–110, 116, 118, 172–173 (in *Lymn. stag.*; Berlin).—Par. 1894, 161.—Sons., 1897, 253.

CERCARIA—Continued.

- odontocotyla* Dies., 1858d, 264 (in *Lymnæus stagnalis*; Berlin).
- opaca* Bory St. Vincent, 1823a, 354 (in infusions de pois).
- orbis* Mueller, 1786, 138–139, pl. 20, fig. 7 (in aqua, ubi *Lemna*, rarissime); [Zool. dan. prod., 1776, 280].—Bosc, 1802a, v. 3, 228.—Bruguière, 1792a, 457, 466.—Nitzsch, 1827, 69 to *Lecane*.
- ornata* La Valette, 1855, 18–19, pl. 1, figs. N–O (in *Planorbis corneus*).—Braun, 1892a, 806; 1893a, 832.—Cobbold, 1876, 211; 1879, 454.—Desmonceaux, 1868, 22.—Dies., 1858d, 241, 244 to (*Acanthocephala*), 255–256 to (*Acanth.*) (larva of *Dist. clavigerum* Rud.) (in *Plan. corn.*, Berlin; *Hydrachna concharum*; Heidelberg); 1858e, 388 to (*Acanth.*); 1859c, 434.—Fil., 1857c, 31, 32.—Florance, 1866a, 11.—Harz, 1881c, 4.—Leuck., 1863, 495, fig. 171.—Linst., 1873, 1 (larva of *Dist. clavigerum* Rud.).—Looss, 1894a, 90, 99, 237, 250, 252, 257.—Moul., 1856, 108, 120, 152–153 (in *Plan. corn.*; Berlin).—Pag., 1857, 13–18, 52, pl. 1, figs. 1–13 (in *Plan. corn.*); 1862, 301.—Rossbach, 1906, 389.
- ovalis* Schrank, 1803, 86.
- ovata* Villot, 1878, 29–30, pl. 9, fig. 6 (in *Lygia oceanica*).
- pachycerca* Dies., 1858d, 257–258, to (*Acanthocephala*) (syn. *C. brachyura* Lespès) (in *Trochus cinereus*; *Francogalliæ*).
- pachycerca* Claperède, 1863a, 12–13, pl. 18, fig. 1 (free form; St. Vaast).—Braun, 1893a, 831.—Par., 1894, 165 (in *Cydidippe* sp.; Nizza; see Leuck., in Carus, 1884, Prod., 133).—Villot, 1878, 35 (of Dies. or Clap.?).
- pacifica* Ben., 1858a, 1861a, 86 (syn. of *Dist. militare*).
- paludinæ impuræ* Baer, 1827, 655, see Dies., 1855a, 400 (syn. of *Cercariæum erythrops*, and of *C. melanops*).—Moul., 1856, 96, pl. 5, bis fig. 4, 212–213, pl. 6, fig. 8; 216 (syn. *Dist. paludinæ impuræ* Fil.) (in *Paludina impura*; Lake de Varèse).
- papillosa* Erc., 1881 or 1882, see Par., 1894, 164 (in *Bythinia tentaculata*; Bologna).
- parva* Erc., 1881 or 1882.—Par., 1894, 164 (in *Bythinia tentaculata*; Bologna).
- pectinata* Huet, 1891a, 12, Apr., 162–165, figs. 1–4 (in *Donax anatinum*).
- pelagica* Mont., 1888, 45, 46.
- pigmentata* Sons., 1892, Oct. 7, 142–144 (in *Physa alexandrina*, *P. micropleura*; Cairo, Egypt) of an Amphist. (sp.).—Braun, 1893b, 183 (in *Ph. micr.*).—Looss, 1902m, 444 (sub *Amphist. conicum*).—Stiles, 1898a, 64, 65, 143.
- planorbis carinati* Dies., 1858d, 266, to (*Acanthocephala*) (in *Planorbis carinatus*; Turin).
- planorbis cornei* Dies., 1850a, 298 (in *Planorbis corneus*) (based on Henle, 1835, 597); 1855a, 400 (to *Cercariæum*).—Moul., 1856a, 85 (in *Plan. corn.*) (Henle, 1835, 597).
- platyura* Leidy, 1891a, 416 (free in pool with *Lymnæus*; Fort Bridger, Wyo.).
- pleurolophocerca* Sons., 1892, Oct. 7, 138–139 (in *Melania tuberculata*, *Cleopatra bulimoides*; Cairo, Egypt).—Braun, 1893b, 183 (in *Mel. tub.*, *Cl. bul.*).—Looss, 1896b, 204–210, pl. 13, figs. 140–145 (in *Mel. tub.*; Egypt).
- pleuronectes* Mueller, 1773, 70 (“In aqua ultra sex septimanas in vasculo servata”; 1776, 206; 1786, 135, pl. 19, figs. 19–21.—Bosc, 1802a, v. 3, 227.—Bruguière, 1792a, 457, 464.—Gmelin, 1790a, 3891.—Herbst, 1789a, 130.—Nitzsch, 1827, 69 to *Phacus*.—Schrank, 1803, 85–86).
- podura* Mueller, 1773, 66 (“In paludosis *Lemna coopertis*, Novembri et Decembri”); 1776, 206; 1786, 124–125, pl. 19, figs. 1–5.—Bory, St. Vincent, 1825a, 84 (to *Furcocerca*).—Bosc, 1802a, v. 3, 225.—Bruguière, 1792a, 456, 460.—Gmelin, 1790a, 3892.—Hemprich & Ehrenberg, 1828a, type of *Ichthyidium*.—Herbst, 1789a, 130.—Nitzsch, 1827, 68 to *Enchelys*.
- polymorpha* (Baer, 1827) Moul., 1856, 86, 116, 174–177, pl. 6, fig. 11; 179.—Dies., 1858d, 275 (to *Bucephalus*).—Erc., 1881e, 41, 42, 43, 44–45, 60, 87; 1882a, 277, 278, 279, 280–281, 296, 323.—Par., 1894, 164 to (*Bucephalus*).—Ziegler, 1883, 541.
- pomatia* Vaney & Conté, 1899, 194–196, figs. 1–2 (in *Helix pomatia*; Lyon).
- prima* Ssinitzin, 1905, 147–153; 1906, 687 (in *Aplexa hypnorum*, *Planorbis vortex compressa*; Warschau) (encysts in *Corethra*, *Ilybius*; Warschau).
- proxima* Lespès, 1857, 116, pl. 1, fig. 14 (in *Littorina littorea*).—Dies., 1858d, 249–250, to (*Gymnocephala*).—Pag., 1862, 297 (in *Litt. litt.*).—Villot, 1875, 479.

CERCARIA—Continued.

- pugio* Linst., 1887, 105, pl. 2, figs. 7, 17c (in *Limnæa ovata*).
- pugnax* La Valette, 1855, 19, pl. 1, fig. R (in *Paludina vivipara*).—Dies., 1858d, 247.—Erc., 1881e, 11 (= *C. microcotyla* Fil.), 12; 1882a, 247, 248.—Fil., 1855b, 25 (syn. of *C. microcotyla* Fil.); 1857c, —.—Moul., 1856, 103, 153, 157 (syn. of *C. microcotyla*).—Pag., 1857, 20–21, 22, pl. 1, figs. 17–24 (in *Pal. vivip.*).
- punctum* Erc., 1881 or 1882, see Par., 1894, 164 (in *Bythinia tentaculata*; Bologna).
- pusilla* Looss, 1896b, 229–230, 231, 232, pl. 16, figs. 178–180 (in *Vivipara unicolor* Olivier; Damanhour).
- pyrula* Bory St. Vincent, 1823a, 355 (in infusion de chènevis).
- renale* (Fil., 1855) Moul., 1856, 164–165 (in *Helix aspera*; Turin).—Dies., 1858d, 265–266 (*renalis*) to (*Gymnocephala*) (in *H. adspersa*; Turin).
- rigonocerca* Braun, 1892a, 809 (for *trigonocerca*).
- rostrata* Erc., 1881 or 1882, see Par., 1894, 164 (in *Bythinia tentaculata*; Bologna).—Looss, 1894a, 40.
- rostroaculeata* Erc., 1881, see Par., 1894, 164 (in *Bythinia tentaculata*; Bologna).—Looss, 1894a, 40 (see *nodulosa*).
- sagitata* Lespès, 1857, 114, pl. 1, fig. 12 (in *Nassa reticulata*; Arcachon).—Dies., 1858d, 249.
- sagitta* Pag., 1862, 297 (in *Nassa reticulata*), for *sagitata*.
- sagittalis* Vaney & Conte, 1899, 196 (*C. sagittifera* Sieb., 1854, renamed) (in *Helix pomatia*).
- sagittata* Dies., 1858d, 249, to (*Gymnocephala*) for *sagitata* (in *Buccinum* (*Nassa*) *reticulatum*), 250.—Villot, 1875, 479.
- sagittifera* Sieb., 1854, 18, fig. 3 (in *Helix pomatia*).—Dies., 1855a, 398 (syn. of *Cercariæum heliciæ pomatiæ*); 1858d, 278 (syn. of *Cercariæum h. p.*).—Moul., 1856, 82, pl. 5, fig. 10; 83, 163 (in *H. pom.*).
- secunda* Ssinitzin, 1905, 153; 1906, 687 (in *Corethra*, *Ephemera* larvæ; Warschau).
- setifera* O. F. Mueller, 1786, 127–128, pl. 19, figs. 14–16 (in *aqua marina raro*).—Bosc, 1802a, v. 3, 226.—Bruguère, 1792a, 456, 461.—Mont., 1888c, 193–199.—Nitzsch, 1827, 69 to *Trichoda*.
- setifera* Moul., 1856a, 214, and Dies., 1858d, 250–251 (Triest), to (*Gymnocephala*), based on J. Müller, 1850, 497 (free in sea water; Marseilles).—Braun, 1893a, 832, 853.—Claparède, 1863a, 12, 13.—Dadai, 1888f, 85; 1888g, 108.—Giard, 1897c, 954, 955 (*setigera*).—Mont., 1888, 9, 10, 23, 77, 78, 79, 80 (*Cercavia*); 1888, v. 2, 193–199; 1891, 519; 1892, 717; 1893, 1, 2, 13, 47, 52, 53, 61, 70, 122, 124, 125, 209.—Moul., 1856a, 214.—Pag., 1862, 298.—Par., 1894, 165 (syn. *Macrurochæta aculepharum*).—Villot, 1875, 477, 479; 1878, 32, 33–35, pl. 10, figs. 1–8 (in *Scrobicularia tenuis*).
- setigera* Giard, 1897c, 955 (for *setifera*, 1856).
- species* Wagener, 1857, in liver of *Limnæus stagnalis*.—Braun, 1893a, 821 (is an *Echinost.*).
- spermatica* Blumenbach, see Chiaje, 1833, 34.
- spinifera* La Valette, 1855, 17, pl. 1, figs. 10–11 (in *Paludina vivipara*, *Planorbis corneus*).—Braun, 1893a, 832.—Dies., 1858d, 263–264, to (*Nephrocephala*) (in *Plan. corn.*; Berlin).—Erc., 1881e, 25, 26; 1882a, 261, 262.—Looss, 1894a, 252.—Moul., 1856, 109, 110, 202, 203 (in *Plan. corn.*; Berlin).
- stylosa* Linst., 1875, 193–195, pl. 3, figs. 16–17 (in *Planorbis vortex*); 1878a, 329 (in *Plan. vor.*).
- subulo* Pag., 1857, 19–20, pl. 1, figs. 14–16 (in *Paludina vivipara*).—Dies., 1858d, 256–257, to (*Acanthocephala*) (in *Pal. vivip.*; Heidelberg).
- syrius* Kūech., 1855, 471, misprint for *gyrinus*.
- tellinæ balticæ* Dies., 1850a, 298 (in *Tellina baltica*; Gedani), based on Sieb., 1837, 388; 1855a, 400 (to *Cercariæum*).—Moul., 1856, 85, 168 (in *Tell. balt.*).—Villot, 1875, 479 (in *Tell. balt.*).
- tenax* Müller, 1773, 69–70 (in infusione sordium dentium intra quatridduum); 1776, 206; 1786, 136–137, pl. 20, fig. 1.—Bosc, 1802a, v. 3, 228.—Bruguère, 1792a, 457, 465.—Chiaje, 1833, 37–38.—Gmelin, 1790a, 3891.—Herbst, 1789a, 130.—Nitzsch, 1827, 69, to *Phacus*.—Olfers, 1816, 24.—Schrank, 1803, 84–85.

CERCARIA—Continued.

- terrestris* Linst., 1889c, 241, pl. 16, fig. 14 (in *Helix lens*; Greece); 1889d.
- terricola* Linst., 1889c, 241, pl. 16, fig. 13 (in *Helix vermiculata*; Algiers); 1889d.
- thaumantiadis* Braun, 1889a, 357 (in *Eucope*); 1893a, 832, for *thaumantiatidis*.
- thaumantiatidis* Pag., 1862, 298, for *thaumantiatidis*.—Linst., 1887a, 334 (in *Eucope* sp.).
- thaumantiatidis* Græffe, 1860a, 49–51, pl. 10, figs. 10–12 (in *Thaumantias* Græffe, cœlenterate, not Bonaparte, 1854, bird, compare *Thaumantias* Eschsch., 1829, Acal.).—Braun, 1889a, 357 (*thaumantiadis* in *Eucope*); 1893a, 832 (*thaumantiadis*).—Mont., 1888, 193, 194, 195; 1888, 77.
- tricaudata* Schrank, 1803, 86.
- trigonocerca* Dies., 1858d, 259, to (*Acanthocephala*) (syn. *C. limacis* Moul.) (in *Limax cinereus*, L. (*Arion*) *rufus*; Geneva).—Biehringer, 1884, 15.
- triloba* Fil., 1857c, 3, pl. 1, fig. 1 (in *Planorbis carinatus*, *Lymnaeus stagnalis*; Turin).—Dies., 1858d, 252, to (*Acanthocephala*) (in *Lym. stag.*, *Plan. car.*).—Erc., 1881e, 15–17, pl. 1, figs. 20–22; 1882a, 251–253 (in *Lim. stag.*, *Plan. car.*; Po, in Piemonte).—Par., 1894, 161 (in *Plan. corn.*, *P. carinatus*, *Lym. stag.*; Torino).
- tripes* Bosc, 1802a, v. 3, 227.
- tripos* Müller, 1776, 206 (“in aqua marina”); 1786, 136, pl. 19, fig. 22.—Bruguière, 1792a, 457, 464–465.—Nitzsch, 1827, 69.
- tripunctata* Erc., 1881e, 23–25, pl. 1, figs. 27–28; 1882a, 259–261 (syn. *C. ephemera* Nitzsch) (in *Planorbis corneus*; liver and genital organs; Italy).—Mont., 1888, 10.—Par., 1894, 161 (in *Plan. corn.*; Bologna).
- tripus* Gmelin, 1790a, 3892, for *tripos* Müller.
- tuberculata* Fil., 1857c, 8–9, pl. 2, figs. 19, 20 (in *Paludina impura*).—Braun, 1893a, 827.—Dies., 1858d, 248, to (*Gymnocephala*) (in *Pal. imp.*; Turin).—Harz, 1881c, 4.—Looss, 1894a, 138.—Par., 1894, 163.
- turbo* Müller, 1786, 123–124, pl. 18, figs. 13–16 (in aqua rivulari cum *Lemna rarior*).—Abildg., 1793, 79.—Bosc, 1802a, v. 3, 225.—Bruguière, 1792a, 456, 459–460.—Nitzsch, 1827, 68, type of *Urocentrum*.
- varicans* Abildg., 1794, 89, pl. 3a, figs. 1–4 (“Hab. primitivum ignotum, in aqua rivulari”).—Dies., 1850a, 293 (to *Cheilostomum* as type).—Moul., 1856a, 213 (syn. *Ch. varicans* Dies.).—Pag., 1857, 6.
- varsoviensis* Ssinitzin, 1906, 683, to (*Gorgodera*).
- vermicularis* Müller, 1786, 133–134, pl. 20, figs. 18–20 (in aqua ubi *Lemna vegetat*).—Bosc, 1802a, v. 3, 227.—Bruguière, 1792a, 457, 463–464.—Nitzsch, 1827, 68, to *Dicranophorus*.
- vesicata* Uličný, 1878, 211–217, pl. 6, figs. 1–5 (in *Cylcas rivicola*; Mähren).—Braun, 1893a, 831, 832; 1893b, 183; 1898a, 1581.—Looss, 1894a, 227 (= *C. macrocerca* Fil.).
- vesiculifera* Dies., 1855a, 378, 389, to (*Xiphidiocerc.*) (*C. vesiculosa* Fil., 1854, renamed) (in *Paludina vivipara*); 1858d, 254–255, to (*Acanthocephala*) (syns. *C. vesiculosa* Fil.; *C. (Xiphidiocerc.) vesiculifera* Dies.; *C. microcotyla* Fil.) (in *Pal. vivip.*, *P. achatina*).
- vesiculosa* Dies., 1850a, 295–296 (in *Paludina vivipara*; based on *Cerc. I.* Baer, 1827b; *Regiomontii*, Berlin, Heidelberg); 1855a, 385 to (*Eucerc.*); 1858d, 254 (of Fil.), syn. of *C. (Acanthocephala) vesiculifera*, 254 (syn. *C. (Eucerc.) vesiculosa* Dies.) to (*Acanthocephala*).—Braun, 1892a, 797, 806.—Erc., 1881e, 9–10, pl. 1, figs. 18–19, 12, 52; 1882a, 245–246, 248, 288 (in *Pal. achatina*, *P. vivip.*; Italy).—Fil., 1854a, 12–13, 22, pl. 1, figs. 12–14; 1855b, 23; 1857c, 14–15, 16, 17, pl. 2, figs. 22–23, 24, 25 (in *Pal. vivip.*, *P. ach.*; Lake Majeur).—Moul., 1856, 81–82, 103–104, 158–159, pl. 5, bis figs. 13, 14; 260 (in *Pal. vivip.*; Berlin).—Pag., 1857, 21–22, pl. 2, figs. 1–4 (in *Pal. vivip.*).—Par., 1894, 163.—La Valette, 1855, 19–20, pl. 1, fig. 8.
- vesiculosa* of Fil., 1854a, 12, 13, 22, 30, pl. 1, figs. 12–14 (in *Paludina vivipara*).—Dies., 1855a, 389 (renamed *C. (Xiphidiocerc.) vesiculifera*); 1858d, 254 (syn. of *C. (Acanthocephala) vesiculifera* Dies.).
- villoti* Mont., 1888, 194 (*C. setifera* Müller of Villot, 1879, in *Scrobicularia tenuis*, renamed), 195, 197; 1888, 77.—Giard, 1897c, 954.

CERCARIA—Continued.

- virgula* (Fil., 1837) Dies., 1850a, 296; 1855a, 386, to (Eucerc.); 1858d, 260, to (Acanthocephala) (syn. C. (Eucerc.) *virg.* Dies.) (larva of *Dist. maculosum* Rud.) (in *Valvata piscinalis*, *Paludina impura*).—Biehinger, 1884, 15, 18.—Braun, 1892a, 749, 809; 1893a, 859.—Fil., 1855b, 5, 10, 19, 22, 23, pl. 1, figs. 5–10 (= *Dist. virg.*) (in *Pal. imp.*; Pavia, Moncalier); 1856b, 85; 1857c, 6–7, pl. 1, figs. 9, 10 (in *Pal. imp.*).—Florance, 1866a, 8.—Harz, 1881c, 4, 7, 8.—Leuck., 1863, 504, 505, 506, fig. 173.—Linst., 1901, 197.—Looss, 1894a, 40.—Moul., 1856a, 51, 82, 99, 104, 161–163 (in *Pal. imp.*; Pavia Moncalier).—Par., 1894, 163.
- viridis* Müller, 1786, 126–127, pl. 19, figs. 6–13 (in aquis fossarum stagnantibus primo vere).—Bory, 1825a, 84.—Bosc 1802a, v. 3, 226.—Bruguère, 1792a, 456., 460–461.—Nitzsch, 1827, 68, to *Enchelys*.—Schrank, 1803, 80–83.
- vitrina* Linst., 1887, 105–106, pl. 2, figs. 8, 17c (in *Zebrina detrita*; Frauenberg b. Sondershausen).—Braun, 1893a, 831.
- vittelliloba* (Ols., 1876) Ssinitzin, 1906, 683, to (Gorgodera).
- vivax* Sons., 1892, Oct. 7, 137–138, pl. 18, fig. 3 (in *Cleopatra bulimoides*; Cairo, Egypt).—Braun, 1893b, 183 (in *Cl. bul.*).—Looss, 1896b, 210–223, pl. 15, figs. 162–177 (in *Cl. bul.*; Egypt, Tunis; *Melanopsis præmorsa*).—Rossbach, 1906, 370.

CERCARIÆ, plural of Cercaria.

gorgoderæ cygnoidis Zeder, 1800, of Kowal., 1904 (9), 24 (in *Cyclas cornea*; Dublany).

CERCARIÆA Nitzsch, see Dies., 1850a, 286, 292; 1855a, 383–400; 1858d, 241–243.—Goldb., 1855a, 15.—Mont., 1888, 83.

CERCARIÆUM Dies., 1855a, 397–400 (collective group and not as true generic name, for little known and doubtful forms of *Cercariæa* Nitzsch).—Bettend., 1897a, 4, 5, 7, 9, 12, 23, 30, 32, 33, 37, 39, 41, 42, 43, pl. 1, figs. 1, 2, 3, 5, 7, pl. 2, figs. 11, 15, 16, 17, pl. 3, figs. 18, 19, 20, 21, 22, 23, pl. 4, figs. 24, 25, 30, pl. 5, figs. 31, 32; 1897, 309, 311, 313, 316, 327, 334, 336, 337, 343, 345, 346, pl. 28, figs. 1–3, 5, 7, pl. 29, figs. 11, 15–17, pl. 30, figs. 18–23, pl. 31, figs. 24, 25, 30, pl. 32, figs. 31, 32 (in *Helix hortensis*).—Blochmann, 1892b, 649–652 (in *Helix hortensis*).—Blochmann & Bettend., 1895a, 218, 219, figs. 4, 5 (in *Helix hortensis*).—Brand., 1898a, 214 (22).—Braun, 1893a, 830, 857.—Darr, 1902, 694.—Kowal., 1898h, 158 (55).—Looss, 1894a, 236.—Sons., 1897, 252 (*Cercaryæum*).

1897: *Cercaryæum* Sons., 1897, 252, for *Cercariæum*.

ancyli lacustris Dies., 1855a, 400, based on Baer, 1827b, 656, in *Ancylus lacustris*; 1858d, 282.

coni mediterranei (Fil., 1857c) Dies., 1858d, 282–283.

coregoni feræ Chavannes, —, 62, see Dies., 1858d, 283.—Linst., 1879a, 266 (in *Coregonus fera* Jur.).

cycladis rivicolæ (Dies., 1850) Dies., 1855a, 400 (in *Cyclas rivicola*); 1858d, 282.—Braun, 1893a, 830.

echinatum (Fil., 1837a) Dies., 1858d, 280 (syn. *Heterost. ech.* Dies.) (in *Paludina impura*; Ticinum).

erythrope Dies., 1855a, 400 (based on *Cerc. paludinæ impuræ* Baer, 1827b) (*Regiomontii*); 1858d, 270 (to *Histrionellina*).

flavescens (Pag., 1857) Dies., 1858d, 278 (in *Bulimus radiatus*; Heidelberg).

helicis Meckel [? see *helicis pomatiæ*].—Braun, 1891d, 424 (in *Helix nemoralis*; *H. strigella*); 1893a, 829, 856.—Hofmann, 1899a, 174, 175, 177, 178–185, 188, 193, 201, pl. 11, figs. 1, 3, 4, pl. 12, figs. 3, 4 (becomes mature in *Erinaceus europæus* to *Dist. leptosomum*, syn. *D. caudatum*).—Roewer, 1906, v. 41, 185–228, figs. 1, 2, 3, pl. 14, figs. 1–7, pl. 15, figs. 8–22; 1906, 5 Oct., 616–617; 1906, 9 Oct., 596–599; 1906, 15 Nov., 340–341.—Ziegler, 1905, 37.

helicis alternatæ Dies., 1855a, 398 (= *Dist. helicis* Leidy, renamed) (in *Helix alternata*; Philadelphia); 1858d, 278 (syn. of *C. vagans*).—Leidy, 1857, 44.

helicis aspersæ Dies., 1855a, 398 (for *helicis asperæ* Dies., 1850a, 302, based on Duj., 1845a, 472); 1858d, 277 (syn. *Cerc. h. a. Moulinie*) (in *Helix aspersa*; Rennes).

helicis pomatiæ (Dies., 1850) Dies., 1855a, 398; 1858d, 278 (syn. *Cercaria sagittifera* Siebold) (in *Helix pomatia*).

limacis (Dies., 1850) Dies., 1855a, 397; 1858d, 277 (in *Limax agrestis*, *L. cinereus*, *L. rufus*; Rhedoni).—Braun, 1893a, 831.—Jackson, 1888, 651.

CERCARIAEUM—Continued.

lymnæi auricularis (Fil., 1854) Dies., 1855a, 398; 1858d, 278–279 (in *Lymnæus auricularis*).

lymnæi palustris Dies., 1855a, 399 (for *Heterost. limnæi* Dies., 1850a, 302, based on Duj., 1845a, 473) (=Dist. *lymnæi* Dies., 1850, renamed); 1858d, 279 (in *Lymnæus palustris*; Rennes).—Sons., 1897, 252.

lymnæi peregrini Dies., 1858d, 279 (in *Lymnæus peregrinus*; Turin).

melanops Dies., 1855a, 400 (based on *Cercaria paludinae impuræ* Baer, 1827b, 655); 1858d, 270 (to *Histriellina*).

naidis proboscideæ Dies., 1858d, 283.

ovatum (Dies., 1850) Dies., 1858d, 279–280 (syns. *Heterost. ov.* Dies., Dist. *luteum* La Valette) (adult=Dist. *luteum* Wagener, in *Esox lucius*) (in *Paludina vivipara*) (Berlin, Heidelberg, Regiomontii).—Mont., 1893, 190.

paludinae impuræ (Fil., 1854) Dies., 1855a, 399 (in *Paludina impura*); 1858d, 280 (syn. of *C. pal. imp. inermis*).

paludinae impuræ armatum (Fil., 1854a) Dies., 1858d, 281 (in *Paludina impura*).—Par., 1894, 161 (in *Bythinia tentaculata*).

paludinae impuræ inermis (Fil., 1854a) Dies., 1858d, 280 (syns. *C. pal. imp.* Dies., *Cerc. pal. inermis* Morl., Dist. *pal. imp. inermis* Fil., adult=Dist. *perlatus* Nord.) (in *Paludina impura*).—Linst., 1873, 1 (larva of Dist. *perlatus* Nord.).—Par., 1894, 162 (in *Bythinia tentaculata*; Pisa).

paludinae impuræ (tentaculorum) Dies., 1855a, 399 (based on Dist. *pal. imp.* Baer, 1827b, 655) (in *Paludina impura*; Regiomontii); 1858d, 281.

paludinae viviparæ Dies., 1855a, 399 (=Cercaria *helicis viviparæ* Dies., 1850a, 298, renamed); 1858d, 279 (in *Paludina vivipara*; Vilnae).

physæ fontinalis (Baer, 1827) Dies., 1855a, 400; 1858d, 282.

planorbis carinati (Fil., 1857) Dies., 1858d, 281–282.

planorbis cornei (Dies., 1850) Dies., 1855a, 400; 1858d, 281 (syn. of *C. plan. cornei* (ovariorum)).

planorbis cornei (hepatis) Dies., 1858d, 281 (in *Planorbis corneus*).

planorbis cornei (ovariorum) Dies., 1858d, 281 (syn. *C. planorbis cornei* Dies.) (in *Planorbis corneus*).

spinulosum Hofmann, 1899a, 178, 185, 193, 201, pl. 11, fig. 2, of *pulmonates*, see Dist. *spinulosum* of *Erinaceus europæus*.

tellinæ balticæ (Dies., 1850) Dies., 1855a, 400; 1858d, 283.—Braun, 1893a, 830.—Pag., 1862, 298.

vagans (Leidy, 1850) Dies., 1855a, 398; 1858d, 278 (syns. Dist. *helicis* Leidy, *D. pericardium* Crep., *D. vagans* Leidy, *C. helicis alternatæ* Dies.) (in *Helix albolabris*, *H. alternata*; Philadelphia).

CERCARYÆUM Sons., 1897, 252, for Cercariaeum.

CERCORCHIS Luehe, 1900aa, 566 (tod. linstowi), subg. of *Telorchis*; κέρκος, tail.—Braun, 1901a, 14; 1901b, 58; 1901i, 58.—Looss, 1902m, 831, 832, 834, 835.

1899: *Telorchis* Looss, 1899b, 566 (tod. linstowi).

linstowi[i] (Stoss., 1890) Luehe, 1900aa, 566.

CHARAXICEPHALUS Looss, 1901l, 7 Nov., 621–622 (m. robustus); 1902, 541, 542, 562, 579, 582, 589, 590, 591, 596, 597, 598, 599, 600, 601, 602, 609, 611, 612–613 (diagnosis) (Pronocephalidae).—Pratt, 1902a, 890, 910 (key).

robustus Looss, 1901l, 621–622 (in *Chelone mydas*; Egyptian coast); 1902m, 416, 541–545, pl. 25, figs. 65–69, pl. 26, fig. 89, 548, 597, 599, 612.

CHEILOSTOMUM Dies., 1850a, 286, 293 (m. varicans); 1855a, 379, 381, 394; 1858d, 273.—Burm., 1856a, 250.—Fil., 1857c, 8.—Goldb., 1855a, 15.—Moul., 1856a, 121, 123.

varicans (Abildg., 1794) Dies., 1850a, 293; 1855a, 394 (*Hab. primitivum ignotum*); 1858d, 273 (free; Dania).—Moul., 1856a, 213 (to *Cerc.*).—Pag., 1857, 6.

CHIORCHIS Fischder., 1901, 374 (m. fabaceus); 1902a, 43–44.—Looss, 1902m, 442.—Pratt, 1902a, 887, 893 (key).—Shipley, 1905, v. 6, 8.

dilatatus Daday, 1905, 233 (in *Colossoma brachypoma*; Paraguay).

fabaceus (Dies., 1839) Fischder., 1901, 374; 1902a, 44–46, 53 (in *Manatus exunguis*, *M. latirostris*; Brazil and North America); 1903h, 528.

corycephalus (Dies., 1836) Daday, 1905, 233 (in *Colossoma brachypoma*).

CHONCHOSOMUM Galli-Valerio, 1901c, 364, for Conchosomum.

alatum (Goeze, 1782) Galli-Valerio, 1901c, 364 (in dog).

CHORICOTILE Parona & Perugia, 1889, 743, (for Choricotyle).

CHORICOTYLE Ben. & Hesse, 1863; 1864, 96, 109 (m. chrysophryi).—Braun, 1890a, 477, 498, 516, 517, 522, 546.—Cerf., 1895h, 918, 920; 1896, 514, 515.—Mont., 1888, 8, 11, 86, 89, 99; 1903, 336 (syn. of *Diclidophora*).—Par. & Per., 1890, 10, 13.—Tasch., 1879, 240.

1889: Choricotile Par. & Perugia, 1889, 743, for Choricotyle.

chrysophryi Cerf., 1898a, 303 (for chrysophryi).

chrysophris Mont., 1888, 11, 16 (for chrysophryi).

chrysophryi Ben. & Hesse, 1863; 1864, 109–110, pl. 11, figs. 16–22 (in *Chrysophrys aurata*).—Cerf., 1898a, 303 (*chrysophryi*).—Mont., 1888, 11, 16 (*chrysophris*).—Tasch., 1879, 247 (to *Octobothrium*).

marionis St. Loup, 1885, 176 (in *Mæna vulgaris*).

taschenbergii Par. & Perugia, 1889, 743 (*Choricotile*); 1890, 743 (*Choricotile*) (in *Sargus rondeletii*; Genova); 1890, 6.—Braun, 1890a, 418, 535, to *Octobothrium*.—Cerf., 1898a, 303.

CLACOCÆLIUM Stiles & Hass., 1898a, 89, misprint for Cladocœlium.

CLADOCALIUM Pontallié, 1853, 104, 105 (misprint for Cladocœlium).—Stiles, 1904i, 21.—Stiles & Hass., 1898, 86, 89.

CLADOCÆLIUM Duj., 1845a, 382, 388, 389 (m. hepaticum), as subg. of *Dist.*—R. Bl., 1891, 609, 610.—Braun, 1893a, 885, 886, 909, 910; 1895, 138.—Looss, 1899b, 535.—Mont., 1888, 38, 92, 105; 1893, 150, 154.—Stiles, 1904i, 21.—Stiles & Hass., 1898a, 86, 89 (*Cladocalium*).—Stoss., 1892, 4, 7, raised to generic rank.

1853: *Cladocalium* Pontallié, 1853, 104, 105, misprint.

1898: *Cladocœlium* Stiles & Hass., 1898a, 89, misprint.

delphini (Poir., 1886) Stoss., 1892, 10 (in *Delphinus delphis*).

elephantis (Dies., 1858) Stoss., 1892, 9 (in *Elephas indicus*; Rangoon).

giganteum (Dies., 1858) Stoss., 1892, 9–10 (syns. *Dist. gig.*, *Fasc. gig.*, *Dist. magnum*) (in *Camelopardalis giraffa*, *Cervus aristotelis*, *C. canadensis*, *C. elaphus*, *Dama vulgaris*, *Portax picta*).—Stiles, 1898a, 49, 51; 1904i.—Ward, 1895, 253 (syn. of *Fasc. magna*); 1903, 866 (in part syn. of *Fasc. magna*).

hepaticum (Linn., 1758) Stoss., 1892, 7–9 (syns. *Fasc. hepat.*, *Dist. hepat.*, *Dist. caviae*) (in *Antilope dorcas*; *Bos bubalis*, *Egitto*; *B. taurus*; *Padova*, *America*; *Camelus bactrianus*, *Cavia cobaja*, *Capra hircus*, *Cervus capreolus*, *C. elaphus*; *C. virginianus*, *North America*; *Castor fiber*, *Dama vulgaris*, *Elaphus indicus*, *Equus asinus*, *E. caballus*, *Padova*, *North America*; *Felis domestica*, *Homo*, *Dalmazia*, *Spagna*, *Zurigo*, *Liverpool*; *Lepus cuniculus*, *L. timidus*, *Macropus giganteus*; *Ovis aries*, *Padova*, *Normandia*, *Mecklenburg*, *Offenbach*, *Buenos Aires*; *Ovis argali*; *Portax picta*, *India*; *Sus scrofa*).—Braun, 1903, 147 (to *Fasc.*); 1906, 150, fig. 83 (to *Fasc.*).—Duj., 1845a, 389.—Rail., 1893a, 342.—Stiles, 1898a, 29; 1904i, 22.—Ward, 1895, 327 (in *Homo*); 332 (in *Bos taurus*), 335 (in *Ovis aries*), 338 (in *Equus caballus*); 1903, 865 (to *Fasc.*).

holostomum (Rud., 1819) Stoss., 1892, 145.—Braun, 1902b, 136, syn. of *Urogonimus macrostomus*.

palliatum (Looss, 1885) Stoss., 1892, 10–11 (in *Delphinus delphis*).

rochebruni (Poir., 1886) Stoss., 1892, 11 (in *Delphinus delphis*).

sulcatum (Linst., 1883) Stoss., 1892, 145.

(CLADOCÆLIUM) Duj., 1845a, 382, 388, 389 (m. hepaticum), subg. of *Dist.*

hepaticum (Linn., 1758) Duj., 1845a, 389–390, see *Fasc.*

macrocotyle (Dies., 1858) Stoss., 1886, 63.

miescheri Zschokke, 1890, 764 (in *Trutta salar*).

pagelli (Ben., 1870) Stoss., 1886, 59.

veliporum (Crep., 1837) Stoss., 1886, 64.

CLADORCHINÆ Fischder., 1901a, 372; 1902a, 35; 1903h, 490, subf. of *Paramphistomidae*.—Looss, 1902m, 439.—Pratt, 1902a, 887, 892 (key), includes *Gastrodiscus*, *Homalogaster*, *Diplodiscus*, *Cladorchis*, *Chiorchis*; related genus *Balanorchis*.—MacCallum, 1905, 668.—Shipley, 1905, v. 6, 4, 8.—Stiles, 1904i, 45.

- CLADORCHIS Fischder., 1901a, 372 (tod. pyriformis); 1902a, 35-36, 43, 45.—Looss, 1902m, 836.—MacCallum, 1905, 668.—Pratt, 1902a, 887, 893 (key).—Shipley, 1905, v. 6, 8.
- asper* (Dies., 1839) Fischder., 1901, 373; 1902a, 39 (in *Tapirus americanus*); 1903f, 602-606, pl. 29, figs. 82-85.
- giganteus* (Dies., 1836d) Fischder., 1901, 373 to (Stichorchis); 1902a, 41-42, 43 (in *Dicotyles albirostris*, *D. torquatus*); 1903f, 611-614, pl. 30, figs. 89-92.
- helostomatis* MacCallum, 1905, 673-678, fig. B (in *Helostoma temmincki*; Palembang, Sumatra).
- pangasii* MacCallum, 1905, 668-673, fig. A (in *Pangasius nasutus*; Palembang, Sumatra).
- pyriformis* (Dies., 1839) Fischder., 1901, 373; 1902a, 36-38, 39, fig. 3 (in *Tapirus americanus*); 1903h, 596-602, figs. 78-81.
- schistocotyle* Fischder., 1901, 373, to (Taxorchis) (in *Dicotyles torquatus*); 1902a, 40-41 (syn. *Amphist. giganteum* Dies., 1835 e. p.; Brazil), to (Taxorchis) (in *Dic. torq.*); 1903f, 607-610, pl. 29, figs. 86-87, pl. 30, fig. 88 (schistolotyle).
- subtriquetrus* (Rud., 1814) Fischder., 1901, 373-374, to (Stichorchis); 1902a, 35, 42-43, to (Stichorchis) (syns. *Amphist. subtriq.* Rud., *Dist. amphistomoides* Boj.) (in *Castor fiber*); 1903h, 567, to (Stichorchis); 1903f, 615-620, pl. 30, figs. 93-96.
- watsoni* (Conyngham, 1904) Shipley, 1905, 129-135, pl. 4, figs. 1-10 (in *Homo*; Africa); 1905, 1-9, pl. 4, figs. 1-10; 1905, April, 205; 1905, 8 April, 950; 1905, 2 Nov., 1298; 1905, 9 pp., 10 figs., 190.
- CLINOSTOMIDÆ Luehe, 1901, 488.—Looss, 1902m, 839 (includes *Clinost.*, *Harmost.*, *Ityogonimus*, *Urotocus*, *Hapalotrema*.—Odh., 1902, 42.
- CLINOSTOMINÆ Pratt, 1902a, 889, 907 (key), includes *Clinost.*, *Nephrocephalus*; additional genera *Sperost.*, *Microlistrum*, *Mesotretes*, *Hapalometra*, and *Distoma oricola*.—Odh., 1902, 42.
- CLINOSTOMUM Leidy, 1856, 45 (tld. *gracile*)^a [not *Clinostomus* Giard, 1856, 211, fish].—Braun, 1893a, 886, 887, 894; 1899, 1, 3; 1899, 465; 1899g, 484-488, 489-493; 1899h, 1-3; 1900h, 1-48, pls. 1-2, figs. 1-20; 1900c, 24-32; 1900, 27, 31; 1901b, 9, 34; 1901, 561; 1904, v. 2 (3), 24-25.—Darr, 1902, 655.—Looss, 1899b, 649-651 (see *æquale*, *heteroclitum*, *commutatum*); 1902m, 839.—Luehe, 1899, 538; 1900, 557; 1901, 488.—MacCallum, 1899, 707.—Mont., 1893, 156.—Odh., 1902, 29, 42.—Stiles & Hass., 1898a, 86 (*gracile*, designated type), 96.—Odh., 1902, 29.—Pratt, 1902a, 889, 907 (key).—Stiles, 1901, 184.
- africanum* Stoss., 1906, in Galli-Valerio, 1906, 49-50, fig. 2, in int. of fish; French Kongo.
- complanatum* (Rud., 1814) Braun, 1899g, 490, 491 (in *Ardea cinerea*; Berlin); 1900, 27-28, 31; 1900h, 23-25, 26, 41, 42, pl. 1, figs. 6, 7.—Stoss., 1901, 97 (9) (in *Ardea cinerea*; Albona).
- detruncatum* Braun, 1899g, 490 (*Dist. dimorphum* Dies., p. p.) (in *Mycteria americana*, *Ciconia americana*; Brazil); 1900, 29-30, 31; 1900h, 28, 32-34, 35, 37, 39, 40, pl. 2, fig. 11.
- dimorphum* (Dies., 1850) Braun, 1899g, 490 (in *Ardea cocoi*; Brazil); 1900h, 12, 36-38, pl. 1, figs. 3, 9, pl. 2, figs. 12, 18; 1900, 29, 31.—Looss, 1899b, 650.
- dubium* Leidy, 1856, 45 (in *Rusticola minor*); 1904a, 88.—Braun, 1899g, 484; 1900h, 2.—Cobbold, 1859, 10.—Dies., 1858c, 336.—Stoss., 1892, 181.—Stiles & Hass., 1898a, 86.
- foliiforme* Braun, 1899g, 490 (in *Ardea purpurea*; Italy); 1899h, 2; 1900h, 20, 30-32, 42, pl. 1, fig. 5.
- gracile* Leidy, 1856, 45 (in *Pomotis vulgaris*, encysted; *Esox*, intest.); 1904a, 88.—Brand., 1898a, 203 (11).—Braun, 1892a, 651; 1899g, 484, 486, 491 (doubts exist as to identity of *gracile* and *heterostomum*); 1900h, 2, 4, 5, 6, 13, 42; 1900, 26, 31.—Dies., 1858c, 336 to *Dist.*—Looss, 1894a, 137, 138, 171; 1899b, 585, 649, 650, 651 (*gracile* not identical with *heterostomum*).—MacCallum, 1899a, 704, 705, 707, 708.—Mont., 1888a, 92; 1893, 155.—Staff., 1904, May 3, 493 (gills of *Perca flavescens* Mit.; Canada).—Stiles, 1901, 176.—Stiles & Hass., 1894, 414; 1898a, 86, 96 (type of *C.* and syn. of *Dist. heterostomum* Rud.).

^a Looss considers that *gracile* is not the young form of *heterostomum*, but he accepts the latter as type; this is doubtless a lapsus.

CLINOSTOMUM—Continued.

heluans Braun, 1899g, 490 (in *Ardea coerulea* and *Nycticorax gardeni*; Rio de Janeiro); 1900, 30, 31; 1900h, 8, 11, 39–41, pl. 2, fig. 10.

heterostomum (Rud., 1809) Braun, 1899g, 487, 489–490 [t. h. *Ardea purpurea*; t. l. apparently Europe]; 1900c, 30–31; 1900h, 11, 19–22 (includes *Dist. het. Rud.*, 1809a, 381; 1819a, 102, 388; Duj., 1845a, 400; Dies., 1850a, 353; Stoss., 1892, 64; Par., 1896, no. 258; *D. hians* p. p. Par., 1887, 331 from *Nycticorax griseus*; figs. 1–2, (29), 42, (44, 45); 1902b, 124.—Looss, 1899, 650.

heterostomum MacCallum, 1899a, 697–710, figs. 1–7 (in *Ardea herodias*; Dunville, Ontario, Canada).—Braun, 1900e, 140–141 (identical with *Dist. marginatum Rud.* and ? *D. complanatum Rud.* and ? *D. heterostomum Wright*); 1900h, 29, 45 (syn. of *Clinost. marginatum*); 1904, 23.

lambitans Braun, 1899g, 490 (“in Schlunde eines Reiher; Semanabay, Westindien”); 1900c, 30, 31; 1900h, 41–42, pl. 2, figs. 16, 17.

marginatum (Rud., 1819) Braun, 1899g, 490 (in *Ardea* sp., Brazil; *Ardea cocoi* and *Mycteria americana* in Brazil), 491; 1900c, 28, 31; 1900h, 25–30, 32, 37, 41, 45, 46, pl. 1, figs. 4, 8, pl. 2, figs. 19, 20.

reticulatum (Looss, 1885) Braun, 1899g, 491.—Looss, 1899, 651.

sorbens Braun, 1899g, 490 (in *Tantalus loculator*; Brazil); 1900c, 30, 31; 1900h, 34, 37, 45, pl. 2, figs. 13–15; 1902b, 129.

CLONORCHIS Looss, 1907, Feb. 1, 147–152 (tod. *sinensis*).

endemius (Baelz, 1883) Looss, 1907, Feb. 1, 150–152.

sinensis (Cobbold, 1875) Looss, 1907, Feb. 1, 148–150 (syn. *Dist. innocuum* Baelz, 1883).

CODONOCEPHALUS Dies., 1850a, 287, 317–318 (m. *mutabilis*); 1858e, 312, 323, 393.—Brand., 1888a, 12, 13, 51; 1890a, 578.—Braun, 1894l, 166; 1895b, 132.—Goldb., 1855a, 17.—Mont., 1888, 84, 92.—Moul., 1856a, 16.—Villot, 1898, 542.

mutabilis Dies., 1850a, 317–318, *Amphist urnigerum* Rud., 1819, renamed (in *Pelophylax esculentus*); 1858e, 323 (in *Pel. esc.*).—Baird, 1853a, 49 (=Holst. urn. Duj.).—Brand., 1888a, 13.—Braun, 1892a, 796; 1893a, 870; 1894, 167.—Gastaldi, 1854a, 14 pp., 2 pls.—Giebel, 1857, 266 (*Amphist. urn. Rud.*).—Hannover, 1864a, 3, 4.—Mol., 1858, 128; 1859, 818–819, pl. 1, fig. 2 (in *Pel. esc.*; Padua); 1861, 197.—Mueh., 1898, 16.—Sons., 1893, 188, 190 (syns. *Amphist. urn. Rud.*; *Holost. urn. Duj.*) (in *Rana esculenta* L.).

CENOGONIMINÆ Looss, 1899b, Dec., 573, 583–584, 586, 619; 1902, 839.—Jägers., 1903a, 14, 15.—Luehe, 1901, 488.—Odhn., 1900, 13, 21; 1905, 314.

CENOGONIMUS Looss, 1899b, Dec., 585, 586, 619 (tod. *heterophyes*); κοινός, gemeinsam; γόνιμος, Erzeugende; 1900d, 608; 1902m, 515, 833, 835.—Braun, 1901b, 56; 1901e, 334 (syn. of *Cotylogonimus* Luehe); 1901i, 56.—Jägers., 1900c, 736; 1903a, 10, 11, 13, 15.—Luehe, 1900aa, 557.—Odhn., 1900, 21, 22.—Ofenheim, 1900, 183.—Stiles, 1904i, 43.—Stiles & Hass., 1900a, 563.

fraternum (Looss, 1894) Jägers., 1903a, 3, for *fraternus*.

fraternus (Looss, 1894) Looss, 1899b, 585, 700–701; 1901b, 205.

heterophyes (Sieb., 1853) Looss, 1899b, 585, 678, 699–700, 701.—Braun, 1903, 164 (to *Cotylogonimus*).—Jägers., 1903a, 3.—Ward, 1903, 870.

COLEPS Nitzsch, 1827, 69 (m. *Cerc. hirta*).CONCHOSOMA Stoss., 1898, 20, for *Conchosomum*, q. v.

CONCHOSOMINÆ Rail., 1896, 160.

CONCHOSOMUM Rail., 1896, Mar. 15, 160, *Hemist.* Dies., 1850 [not Swainson] renamed, tod. *alatum*.—Stoss., 1898, 20.—See also *Alaria* 1788.

1898: *Conchosoma* Stoss., 1898, 20.

1901: *Chonchosomum* Galli-Valerio, 1901c, 364.

alatum (Göze, 1782) Rail., 1896, 160 (in intest. of *Canidæ*).—Piana, 1898, 3.

spathaceum (Rud., 1819) Stoss., 1898, 20–21 (in *Larus canus*, *L. argentatus* *micahesii*; Trieste).

spatula (Dies., 1836) Stoss., 1898, 20 (in *Buteo vulgaris* at Trieste, Iamiano; *Falco peregrinus* at Ospio; *Circus aeruginosus* at Verteneglio, Monfalcone, Doberdò, Iamiano).—See *spathula*.

COSMOCOTYLEA Dies., 1858e, 313, 360, 365 (subf. of *Monocotylea*, contains *Gasterost.*, *Rhipidocotyle*, *Callicotyle*).—Tasch., 1878, 565, 566.COTYLAGASTER Mont., 1904, 65, misprint for *Cotylogaster*.

COTYLASPIS Leidy, 1857a, 18 (m. insignis); 1858a, 110; 1904a, 110.—Braun, 1893a, 886, 887, 888, 891, 894, 896.—Dies., 1859c, 438–439.—Hoyle, 1890, 539 (one species; in Anodonta).—Jackson, 1888, 650 (endoparasitic, American Anodonta), 654.—Kofoid, 1899, 180, 181, 182, 183, 184.—Mont., 1888, 89, 91, 1892, Oct. 7, 196, 197, 198, 199, (syn. of Aspidogaster) 202.—Nickerson, 1902; 599, 603, 604, 605, 612, 613, 615, 617.—Pratt, 1902a, 887, 891 (key).—Shipley & Hornell, 1904, 98.—Tasch., 1879, 259.

insignis Leidy, 1857a, 18 (in Anodonta fluviatilis, A. lacustris); 1858a, 110.—Dies., 1859c, 439.—Kofoid, 1899a, 179–186 (identity with Platyspis anodontæ); 1899b, 179–186.—Mont., 1892, Oct. 7, 197, 201 (?syn. of Aspidogaster conchicola), 202.—Nickerson, 1902, 612, 613, 614, 619 (in Unionidæ; North America).—Osborn, 1905a, 201–242 (habits and structure), figs. 1 (a–f), 1–81; 1905, 201–242, 3 pls., 1 fig.; 1905, 317–318.—Tasch., 1879, 259 (in Anod. fluvi., A. lac.; North America).—Also reported for Anodonta corpulenta, Unio alatus, U. anodontoides, U. confragosus, U. edentulus, U. elegans, U. gracilis, U. katharinæ, U. ligamentinus, U. rectus, U. tuberculatus).

lenoiri (Poir., 1886) Nickerson, 1902, 613, 614, 619 (in Tetrathyra; Senegal).

COTYLEA Dies., 1850a, 286, 293 [not of Mont., 1891, 111], subtribe of Dicanocœla to contain Rhopalocerca, Bucephalus, Malleolus, Cerc., Histriionella, Diplocotyle.—Goldb., 1855a, 15.

COTYLEGASTER Sieb., 1877 MS. in Cobbold, 1877e, 235, 237 (lapsus for Aspidocotylus) [not Cotylogaster Mont., 1892].

cochleariforme (Dies., 1838) Sieb., 1877 MS. in Cobbold, 1877e, 235, 237 (lapsus), see Gastrodiscus sonsinoi; 1879b, 360 (syn. Aspidogaster cochleariformis) “not to be confused with Gastrodiscus.”—Ward, 1895, 338 (“error—Gastrodiscus ægyptiacus,” in Equus caballus).

cochleariformis (Dies., 1838) Zuern, 1882, 222 (see cochleariforme).—Lejtenyi, 1881a, 1.—Sons., 1895, 179, 180; 1896, 297.

COTYLOCEPHALA Dies., 1858e, 315 (f. of Trematoda plectanophora to contain subf. Aplacoplectana, Placoplectana), 382.—Ben. & Hesse, 1864, 95.—Mont., 1888a, 84.

COTYLOGASTER Mont., 1892a, Oct. 7, 168, 169, 170, 173, 174, 175, 176, 177, 179, 180, 183, 184, 185, 186, 187 (Aspylogaster), 188, 189, 190, 191, 194, 195, 196, 197, 198, 206^a (m. michælis), 213 (g. of Aspidobothridæ); 1893, 37, 111, 114, 202, 205, 206, 209.—Braun, 1893a, 888, 890, 891, 894, 896, 897, 917, 918; 1893b, 177, 178, 179, 182, 188.—Gamb., 1896, 73.—Kofoid, 1899, 182.—Lejtenyi, 1881a, 2.—Looss, 1894a, 131, 134; 1902, 428, 429.—Nickerson, 1902, 602, 604, 606, 610, 611, 612, 617.—Pratt, 1902a, 887, 891 (key).—Stoss., 1898, 19.

1892: Aspylogaster Mont., 1892, Oct. 7, 187, for Cotylogaster.

michælis Mont., 1892, Oct. 7, 168–173, 198, 206–207, pls. 21–22 (in Cantharus vulgaris; Triest); 1893, 52, 82, 145, 202; 1902, 139.—Braun, 1893a, 887, 898; 1893b, 184.—Jægers., 1899, 203, 207.—Looss, 1902, 420, 421, 428.—Nickerson, 1902, 597, 598, 599, 600, 601, 602, 603, 605, 606, 610, 611, 618 (in Can. vulg.; Triest).—Stoss., 1898, 19; 1899, 3.

occidentalis Nickerson, 1900, Feb. 16, 250 (in Sheepshad; Mississippi Valley); 1901, Mar. 8, 378; 1902, 597–624, pl. 32, figs. 1–7, pl. 33, figs. 8–21 (in Aplo-dinotus grunniens; Minnesota).

COTYLOGONIMINÆ Pratt, 1902a, 888, 897 (key), includes Cotylogonimus and Cryptocotyle.

COTYLOGONIMUS Luehe, 1899k, Dec., 538, 539 (tod. heterophyes); 1900, 555, 557.—Braun, 1900h, 6; 1901e, 334, 338; 1901i, 56; 1903, 164; 1906, 171–172.—Pratt, 1902a, 888, 898 (key).—Looss, 1900, 607; 1902, 813, 833.—Stiles, 1904i, 43.—See Heterophyes.

[*concavum* (Crep., 1825), 1899 to (Cryptocotyle).]

fraternus (Looss, 1894) Braun, 1901e, 337.—Fischder., 1903h, 548.

heterophyes (Sieb., 1853) [Luehe, 1899k, 539].—Braun, 1901e, 335, 337, 338; 1903, 3 ed., 164–166, fig. 114; 1906, 136, fig. 71, 172–173, fig. 105.—Fischder., 1903h, 548.—Ward, 1903, 870 (to Heterophyes).—Type of Heterophyes, q. v.

persicus Braun, 1901e, 334–338, pl. 20, fig. 13 (in Persian wolf).

COTYLOPHORA Mont., 1888a, 84, 93, for Trematoda cotylophora Dies., 1858e, 312, a subtribe containing fams. Monocotylea, Tricotylea, Polycotylea [not Cotylophori Mayer, 1841a, 24, 25].

- COTYLOTRETUS Odhn., 1902, 32 (m. rugosus).—Pratt, 1902a, 888, 897 (key).
rugosus Odhn., 1902, 32–45, fig. 3 (in *Coluber pullatus* = *Spilotes pullatus*).
 CRANIOCEPHALA Mont., 1905, 21–24 (m. birói), a temnocephala; *κράνειον*, cornelian-tree.
birói Mont., 1905, 21–24 (named after L. Biró), figs. 1–2 (in *Sesarma gracilipes* A. Edw.; Sattelberg, New Guinea).
 CRASPEDELLA Haswell, 1893c, 96, 98, 99, 112, 114, 132, 141, 143, 145 (m. spenceri); 1893f, 154.—Mont., 1899, 84, 115, 116, 117, 120, 121.—Pratt, 1900a, 646, 647 (key).—St.-Remy, 1898, 522, 529.
spenceri Haswell, 1893c, 97, 98, 113, 142, pl. 13, fig. 21, pl. 15, fig. 3 (in *Astacopsis bicarinatus*); 1900, 433.—Mont., 1899, 84, 121 type (in *Ast. bic.*; Austr.).—Pratt, 1900a, 655, 657, fig. 2.—St.-Remy, 1898, 529–530, fig. 1 (in *Ast. bic.*).
 CREADIINÆ Looss, 1899b, Dec., 571.—Luehe, 1900, 487.—Odhn., 1901, 483.
 CREADIUM Looss, 1899b, Dec., 570–571, 574, 580, 595 [not *Creadium*, *Creadion* Vieill., 1816, bird] tod. isoporum; 1900d, 3 Dec., 602 (renamed *Allocreadium*).—Braun, 1900, 232; 1901b, 33.—Luehe, 1900, 487, 489; 1901, 397.—Odhn., 1901, 483.—Stiles, 1901, 189.—[See also *Dist. commune*, *D. scorpiænae*, *D. fasciatum*, *D. sophiæ*, *D. bacillare*, *D. pedicellatum*, *D. album*, *D. mormyri*, *D. obovatum*.—Looss, 1899b, 571.
angusticolle (Hausmann, 1896) Looss, 1899b, 571 [possibly identical with *D. commune* Olss., 1868, 31].
isoporum (Looss, 1894) Looss, 1899b, 570, 571, 595.
pegorchis Stoss., 1901, descr. of pl. 6, fig. 4, see *Allocreadium*.
 CREPIDASTOMUM Pratt, 1902a, 888, 896, misprint for *Crepidostomum*.
 CREPIDOSTOMUM Braun, 1900b, 232 (tod. metæcus); 1901b, 31, 33.—Heymann, 1905, 83, 89 (Fasciolidæ, Bunoderinæ).—Looss, 1902, 452, 453, 454.—Odhn., 1905, 296.—Pratt, 1902a, 888 (*Crepidast.*, Fasciolidæ, Psilostominæ), 896 (key).—Staff., 1904, 491.
 1902: *Crepidastomum* Pratt, 1902a, 888, 896, misprint.
cornutum (Osborn, 1903) Staff., 1904, May 8, 490 (int. of *Ambloplites rupestris* Raf.; Canada), 491.
laureatum (Zed., 1800) Braun, 1900b, 232 (in fish).—Heymann, 1905, 87.—Looss, 1901, 564; 1902, 452, 453.—Odhn., 1905, 296.—Staff., 1904, May 3, 490 (int. *Salvelinus fontinalis* Mit.; Canada), 1. var. in *Perca flavescens* and *Stizostedion vitreum*, 2. var. in *Necturus maculatus*; 1905, Apr. 11, 682 (int. *Necturus maculatus*; Canada).
metæcus (Braun, 1900) Braun, 1900b, 230–232, pl. 10, fig. 13.—Heymann, 1905, 87.—Looss, 1901, 564; 1902, 451 (in *Vespertilio lasiopterus*), 452, 453.—Odhn., 1905, 296.
 CRICOCEPHALUS Looss, 1899b, Dec., 551, 666–667 (tod. delitescens), ὁ κρίκος, ring; 1901b, 209; 1901l, 620; 1902m, 531, 532, 534, 536, 537, 540, 542, 547, 562, 570, 576, 579, 580, 581, 582, 583, 585, 586, 587, 589, 591, 593, 599, 600, 601, 603, 604, 605, 609, 612, 614* (delitescens=albus).—Braun, 1901a, 50.—Pratt, 1902a, 890, 910 (key).
albus (Kuhl & Hasselt, 1822) Looss, 1899b, 667; 1901l, 621; 1902m, 511, 532 (syn. delitescens), pl. 25, fig. 64; pl. 32, figs. 170–174; 533, 535, 536, 537, 539, 540, 541, 600, 605, 614.—Braun, 1901a, 45, figs. 10, 13, 15, 16.
delitescens Looss, 1899b, 666, 667, 759–762 (in *Chelonia mydas*; apparently Egypt), 773, figs. 76–80; 1902m, 531, 532 (syn. of *Cr. albus*), 549, 605.—Braun, 1901b, 38, 44, 45, 48.
megastomus Looss, 1902, 533–536, 540, 541, 605, pl. 25, figs. 57–60, pl. 27, fig. 90 (in *Chelone mydas*; Egyptian coast).
resectus Looss, 1902m, 537–541, 813, pl. 25, figs. 61–63, 813 (in *Chelone mydas*; Egyptian coast).
ruber (Kuhl & Hasselt, 1822) Looss, 1899, 762.
 CROBYLOPHORUS Kroyer, 1852–53a, 813 (m. chimærae).—Dies., 1859c, 447 (syn. of *Gyrocotyle*).
chimærae Kroyer, 1852–1853a, 813, 1226–1227 (in *Chimæra monstrosa* L.).—Dies., 1859c, 447 (syn. of *Gyrocotyle amphiptyches*).
 CROSSEDERA Mont., 1888, 92 (for *Crossodera*).

- (CROSSODERA) Duj., 1845a, 382, 389, 434–437 [not Gould, 1837, aves], subg. (tld. nodulosa) of Dist.; raised to generic rank by Cobbold, 1860a, 31. See Crossodera.—Mont., 1888a, 12.—Stiles & Hass., 1898a, 84 (syn. of Bunodera).
- auriculatum* (Wedl, 1857) Stoss., 1886, 63.
- campanula* Duj., 1845a, 435, as doubtful (in *Esox lucius*; Rennes, France).
- crucibulum* (Rud., 1819) Duj., 1845a, 363, 435.
- excisum* (Rud., 1819) Duj., 1845a, 436–437.
- laureatum* (Zed., 1800) Duj., 1845a, 435–436. See Crossodera.
- nodulosum* (Frœlich, 1791) Duj., 1845a, 434–435.—Stiles & Hass., 1898a, 85 (designated type of subg). See Crossodera.
- papilliferum* (Mol., 1861) Stoss., 1886, 60.
- verrucosum* (Busch, 1851) Stoss., 1886, 61.
- CROSSODERA (Duj., 1845a, tld. nodulosa [nec Crossodera Gould, 1837, aves]) Cobbold, 1860a, 31–32.—R. Bl., 1891, 609.—Braun, 1893a, 885, 890, 909, 911; 1900b, 232; 1900h, 3.—Fil., 1857c, 14.—Hass., 1896a, 7 (syn. of Bunodera Rail.).—Looss, 1899b, 535, 538, 542, 580, 594, 598.—Mont., 1888, 92 (Crossodera), 105; 1892, Oct. 7, 214 (g. of Distominæ); 1893, 150, 152, 153, 155.—Rail., 1896, 160 (renamed Bunodera).—Stiles, 1901, 197.—Stiles & Hass., 1898a, 84, 85 (nodulosa type by designation), 87.—Stoss., 1892, 4, 5; 1899, 11.—Wagener, 1860, 165.
- 1888: Crossodera Mont., 1888, 92, misprint.
- campanula* (Duj., 1845) Cobbold, 1860a, 32 (in *Esox lucius*).
- laureata* (Zed., 1800) Cobbold, 1860a, 32 (in *Salmo trutta*, S. fario, S. umbla, Thymallus vexillifer).
- linearis* (Rud., 1793) Cobbold, 1860a, 32 (in *Phasianus gallus*).—Hass., 1896a, 2 (in *Gallus dom.*).—Rail., 1893a, 368.—Stoss., 1892, 146.
- nodulosa* (Frœlich, 1791) Cobbold, 1860a, 32 (in *Perca fluviatilis*, *Acerina vulgaris*, *Aspro vulgaris*, A. zingel, *Lucioperca sandra*, *Esox lucius*, *Barbus communis*).
- papillosa* (Dies., 1850) Cobbold, 1860a 32 (in *Beroë rufescens*) (syn. Dist. beroës Will).
- CRUMENA Nitzsch, 1827, 68–69 (m. Cerc. crumena).
- (CRYPTOCOTYLE) Luehe, 1899, 539 (tod. concavum), subg. of Cotylogonimus; 1900, 557.—Braun, 1900h, 6; 1901b, 56; 1901i, 56.—Jægers., 1901, 981.—Looss, 1900, 607 (type concavum); 1902, 813, 833.—Pratt, 1902a, 888, 897 (key).
- concavum* (Crep., 1825) Fischder, 1903h, 548.
- lingua* (Crep., 1825) Fischder, 1903h, 548.
- CRYPTOGONIMUS Osborn, 1903, 315–318 (m. chili); 1903, 533–534.—Marshall & Gilbert, 1905, 479.
- chili* Osborn, 1903, 315–318, fig. 2 (in *Micropterus dolomieu*; Chautauqua); 1903, 533–534; 1904, 308.—Marshall & Gilbert, 1905, 478.—Staff., 1905, 682 (in *Ambloplites rupestris* Raf.).
- CRYPTOSTOMUM Nitzsch, 1819, sub Amphist.—See Nord., 1832a, 30, 50 (syn. Holost. cuticola); 1840, 561, 628.—Moul., 1856a, 15 (syn. of Hemist.).—[Not Cryptostoma Blainv., 1818, mollusk; Cryptostoma Latr., 1825, coleopteron; Cryptostomus Blainv., 1818, mollusk.]
- CUCULANUS Mueller, 1777.—See Nematoda.
- conoideus* Bloch, 1782a, 35, pl. 10, figs. 5–7 (Cuculanus) (t. h. Anas boschas dom.; Europe).—Dies., 1850a, 383 (syn. of Dist. echinatum).—Herbst, 1787a, 42.—Looss, 1899b, 680.—Mueller, 1788b, 18.—Rail., 1886, 297 (to Dist.).—Rud., 1809a, 418, 420, 432.
- CYATHOCOTYLE Mueh., 1896, v. 20, 590 (m. prussica) (Holostomidæ); 1897, v. 1, in 243–279, pl. 4; 1897, in 127–128; 1897, in 478–479.—Odh., 1902, 19.—Pratt, 1902a, 889, 908 (key).
- fraterna* Odhn., 1902, 19–21 (in *Harelda glacialis*).
- prussica* Mueh., 1896, 590; 1896, 270–278, figs. 7, 15–17 (in *Anas glacialis*); 1898, 4, 16, 80.—Braun, 1901, 259; 1902b, 154.—Odh., 1902, 19, 20.
- CYATHOCOTYLINÆ Mueh., 1898b, 20, subf. of Holostomidæ, contains Cyathocotyle.—Pratt, 1902a, 889 (includes Cyathocotyle).

- CYCLATELLA Ben. & Hesse, 1863; 1864a, 65, 66, 81-83 (m. annelidicola) (Tristomidæ).—Ben., 1869a, 640, is a bryozoon, see Loxosoma.—Braun, 1890a, 518 (=Loxosoma).—Mont., 1888a, 86.—Tasch., 1879, 56.
annelidicola Mont., 1888a, 88, for annelidicola.
- annelidicola* Ben. & Hesse, 1863; 1864a, 82-83, pl. 7, figs. 12-13 (on ? Clymene).—Mont., 1888a, 88 (annelidicola).—Prouho, 1891, 91-116 (to Loxosoma).—Sons., 1895, 119.
- CYCLIDIUM Mueller, 1786.—Nitzsch, 1827, 69, contains Cerc. cyclidium [type by absolute tautonymy], C. discus.
- CYCLOBOTHRUM Cerf., 1895m, 141, 142, 144-145 (m. sessilis); 1896d, 548, 550-551.—Mont., 1903, 336 (subf. Dichidophorinæ).—St.-Remy, 1898, 552.—Zool. Anz., 1895, 327.
sessilis (Goto, 1894) Cerf., 1895m, 141, 142, 145 (in Chærops japonicus; Japan); 1896, 548, 551.—St.-Remy, 1898, 554 (=Dichidophora sessilis).
sessile (Goto, 1894), Zool. Anz., 1895, 327.
- CYCLOCIRRA Mueller, 1841, 147 (apparently m. thompsonii).
thompsoni Mueller, 1841, 147, based on Thompson, epizoon on Comatula.
- CYCLOCLEUM Fuhrmann, 1904, 61, misprint for Cyclocælum.
- CYCLOCÆLINA Cohn, 1904, 232, misprint for Cyclocœlinæ.
- CYCLOCÆLINÆ Cohn, 1904, 231, 232 (contains Typhlocœlum=Typhlocœlum).—Stoss., 1902, 2, 3, 4, 7, 8, 9, 11, 12, 31, 34, 35.
- CYCLOCÆLIUM Fuhrmann, 1904, 59, for Cyclocœlum.
mutabile (Zed., 1800) Fuhrmann, 1904, 59, 61, to (Cyclocœlum).
- CYCLOCÆLUM Brand., 1892b, 507 (for Monost. mutabile, M. flavum, M. arcuatum, M. tringæ, M. ellipticum) [tld. mutabile].—Braun, 1901e, 346.—Cohn, 1904, 229, 231, 232 (in syn. of Monost. flavum).—Looss, 1899b, 659-661, 662; 1901b, 192 (type, Monost. mutabile); 1902m, 701, 702, 719, 720, 721, 729, 730, 780.—Luehe, 1901, 174 (type, Monost. mutabile); 1901, 481.—Pratt, 1902, 890, 909 (key).—Stoss., 1902, 5, 6, 7, 8, 12.
 1902: Cyclocœlum Stoss., 1902, 40, misprint.
 1904: Cyclocœlum Fuhrmann, 1904, 61, misprint.
 1904: Cyclocœlium Fuhrmann, 1904, 59, misprint.
- adolphi* Stoss., 1902, 19-20, pl. 4, figs. 13, 14 (in Grus cinerea, Ardea cinerea; Siberia).
- arcuatum* (Brand., 1892) [Brand., 1892b, 507].—Stoss., 1902, 20-22, pl. 4, figs. 15, 16 (syn. Monost. mutabile Sieb.) (Anser dom., Bucephala clangula; Berlin).
- brasilianum* Stoss., 1902, 16-17, pl. 2, figs. 7, 8 (in Scolopax flaviceps; Brazil).
- exile* Stoss., 1902, 17-18, pl. 3, figs. 9, 10 (in Totanus ochropus).
- mutabile* (Zed., 1800) [Brand., 1892b, 507].—Stoss., 1902, 12, 13-14, pl. 1, figs. 1, 2 (syns. Monost. mutabile Zed., 1800; M. microstomum Crep., Cephalogoni-mus ovatus Stoss.) (type of genus) (in Gallinula chloropus, Fulica atra).—[Braun, 1901e, 346].—Cohn, 1904, 231, 232.—[Luehe, 1901 p, 174.]
- ovopunctatum* Stoss., 1902, 15-16, pl. 2, figs. 5, 6 (syn. Monost. mutabile Ben.) (in Numenius arquata).
- problematicum* Stoss., 1902, 14-15, pl. 1, figs. 3, 4, pl. 7, fig. 25, pl. 8, fig. 29 (syn. Cyclocœlum sp. Looss, 1899b, 660, in Totanus calidris; Egypt) (in Totanus calidris, T. glottis).
- robustum* Stoss., 1902, 18, pl. 3, figs. 11, 12 (syn. Monost. flavum Par., v. 11 (258) (in Fuligula cristata).
- CYCLOCOTYLA Otto, 1823, 300-302 (m. bellones).—Baer, 1826a, 126.—Ben. & Hesse, 1864, 47.—Blainv., 1828a, 570.—Braun, 1889a, 326.—Cobbold, 1877, 238.—Dies., 1840, 234; 1850a, 419 (syn. of Cyclocotyle).—Zæringer, 1829.
 1823: Octostoma Otto, 1823, 302 (preoccupied), same as Cyclocotyla.
 1823: Cyclostoma Otto, 1823, 302 (preoccupied), same as Cyclocotyla.
- bellones* Otto, 1823, 300, pl. 41, fig. 2, a-c (on Hornhecht=Belone acus; Naples).—Baer, —, 687, pl. 32, fig. 9.—Blainv., 1828a, 570.—Bl., 1847, 336.—Braun, 1889a, 326.—Dies., 1850a, 419, to Cyclocotyle.—Nord., 1832a, 78, 80; 1840, 600 (to Octobothrium).

CYCLOCOTYLA—Continued.

belones Crep., 1839, 291, for *bellones*.—Kroyer, 1852–53a, 1221 (in *Belone rostrata* Fab.).

lanceolata Zæringer, (1829), 21.—Braun, 1890a, 553 (on *Salmo fario*) (to *Octobothrium*).—Crep., 1839, 291.

CYCLOCOTYLE for *Cyclocotyla*.—Burm., 1837, 530.—Braun, 1890a, 515–518 (belongs to *Octobothrium* Leuck.).—Crep., 1838, 84.—Dies., 1850a, 289, 419 (of Otto, syn. of *Octobothrium* Nord.), 423 (of Schultze, syn. of *Discocotyle*); 1858e, 314, 372 (of Otto).—Gold., 1855a, 19.—Mont., 1888a, 83.—Tasch., 1879, 233, 239.—See *Cyclocotyla*.

bellones (Otto, 1823) Dies., 1850a, 419 (on *Belone acus*) (syns. *Cyclocotyla bellones*, *Octobothrium bellones*); 1858e, 372.—Tasch., 1879, 245 (to *Octobothrium*).

lanceolata Schulze in Zæringer (1829).—Crep., 1839a, 291, note 25.—Dies., 1850a, 424 (syn. of *Discocotyle sagittata*).—Tasch., 1879, 244 (syn. of *Octobothrium sagittatum* Leuck.).

CYCLOGENA Hemp. & Ehrenb., 1828a (m. *Cerc. lupus*; Berlin), fam. Hydatinorum.

CYCLOSTOMA Otto, 1823, 302 (as syn. of *Cyclocotyla*) [not *Cyclostoma* Lam., 1801, mollusk; *Cyclostoma* Nilss., 1832, fish; *Cyclostoma* for *Ciclostoma* Scacchi, 1836, mollusk].

CYMATOCARPUS Looss, 1899b, Dec., 550, 551, 593–594 (tod. *undulatus*), 607, 611, 633; *τὸ κύμα*=wave, *ὁ καρπός*=fruit.—Braun, 1901b, 22.—Odh., 1902, 38, 41, 42.—Pratt, 1902a, 889, 903 (key).—Staff., 1903, 828.

solearis (Braun, 1899) Braun, 1901b, 22, 23, fig. 8, or Looss, 1901l, Oct. 30, 563; 1902m, 508.

undulatus Looss, 1899b, 594, 711–712, figs. 32–34 (in *Thalassochelys undulatus*; Abukir, July); 1901l, 563; 1902m, 414, 508.—Braun, 1901a, 22, 23.—Heymann, 1905, 84.—Luehe, 1900, 561.

CYSTAGORA Staff., 1905, Apr. 11, 683 (m. *tetracystis*); *κύστις*, bladder; *ἀγορά*, assembly.

tetracystis (Gastaldi, 1854) Staff., 1905, 683 (in *Rana catesbiana*, *R. virescens*; Canada).

DACTYCOTYLE Ben. & Hesse, 1863; 1864a, 96, 110 (*pollachii* [type by present designation], *lusca*); *δάκτυλος*, finger.—E. Ben., 1868a, 4–7; 1868, 22–36, 1 pl.—Braun, 1890a, 446.—Mont., 1888a, 8, 11, 16, 52, 59, 66, 86, 89, 99; 1903, Dec., 336 (syn. *Pterocotyle*) (in subf. *Octocotylinæ*; f. *Octocotylinæ*).—Par., 1894, 135 (syn. of *Dactylocotyle* Par. & Perugia).—Par. & Perugia, 1890, 4, 7; 1890, 10.—Tasch., 1879, 59, 73; 1879, 240.

1873: *Dactylocotyle* Marshall, 1873, 430.

1889: *Dactylocotyle* Braun, 1889a, 364, misprint.

lusca Ben., 1868a, 7 (in *Morrhua lusca*) (for *lusca*).

lusca Ben. & Hesse, 1864, 111–112 (in *Morrhua lusca*).—Ben., 1868, 36.—Braun, 1889a, 364 (on M. l.); 1890a, 535, to *Octobothrium* (*Dactylocotyle*).—Tasch., 1879, 247, to *Octobothrium*.

phycidis (Par. & Perugia, 1889), Par. & Perugia, 1890, 4; 1890, 7.—Braun, 1890a, 535, to *Octobothrium* (*Dactylocotyle*).

pollachi Mont., 1888, 66 (for *pollachii*).

pollachii Ben. & Hesse, 1863; 1864, 110–111, pl. 11, figs. 23–30 (in *Merlangus pollachius*).—Ben., 1868a, 7; 1868, 36, 1 pl.—Braun, 1889a, 364 (on *Mer. pol.*); 1890a, 535, to *Octobothrium* (*Dactylocotyle*).—Mont., 1888, 66 (*pollachi*).—Par. & Perugia, 1890, 4.—Scott, 1901, —, pl. 8; 1905, 117.—Tasch., 1879, 242, 246 (to *Octobothrium*).—Can best be taken as type of genus.

DACTYLOCEPHALA Mont., 1899, 115, 116, 117, 120, 121 (type *Temnocephala madagascariensis*).—Pratt, 1900, 646, 647 (*Temnocephalidæ*, *Temnocephalinæ*).

madagascariensis (Vayssière, 1892) Mont., 1899, 121 (in *Astacoides madagascariensis*; Madagascar).

- DACTYLOCOTYLE** Marschall, 1873, 430, 795, and 796, apparently for *Dactycotyle*. Ben. & Hesse, 1863.—Braun, 1890a, 469, 471, 477, 484, 490, 498, 516, 517, 522, 535 (syn. or subg. of *Octobothrium*), 546.—Cerf., 1895h, 913–946, pls. 1–2, figs. 1–20; 1895i, 831–834; 1895k, 634; 1895m, 125, 126, 137, 138, 139; 1896c, 232–233; 1896, 510–535, 536, 545, 546, 547; 1898a, 301, 302, 305–315, 322–323; 1899a, 345, 370, 383, 411.—Lint., 1905, 333, 352, fig. 151 (sp. on *Brevortia tyrannus*).—Par., 1894, 135 (syn. *Dactycotyle* Ben. & Hesse).—Pratt, 1900a, 646 (*Polystomidae*, *Octocotylinæ*) 652 (on gills of fish, esp. *Gadidae*), 656, 660, fig. 35.—St.-Remy, 1898, 523, 545, 548.—Scott, 1901, 150.—Scudder, 1884 (1882), part 2, 91 [gives date as “1883 [1862]” and quotes Marschall, which is 1873].—Stoss., 1898, 12.
- carbonarii* Cerf., 1895h, 929, 931, pl. 1, figs. 1, 5, 9, 10, 11, pl. 2, figs. 12–20.
- denticulatum* (Olss., 1876) Cerf., 1895h, 922, 923–938, 941, 943, type of genus^a (in *Gadus carbonarius*); 1896, 517, 518–530, 532–533, 534, pl. 23, figs. 1, 5, 9, 10, 11, pl. 24, figs. 12–20; 1898a, 301, 305^a, 307, 312, 313, 317, 318, 323, 325, pl. 12, figs. 6–9 (in *Gadus carbonarius* (Linn.)).—Lint., 1901, 408, 414 (in *Pollachius virens*), 474.—Par., 1899, 4.—Pratt, 1900a, 656, fig. 35, 657, 660 (key).—St.-Remy, 1898, 548–549, 550 (in *Gadus virens*, *G. carbonarius*).—Staff., 1904, May 3, 482 (gills of *Pollachius virens* [virens] L.; Canada).
- lusca* (Ben. & Hesse, 1863) Tasch., 1879, 247 (to *Octobothrium*).—Braun, 1890a, 535 (as *Octobothrium* (*Dactylocotyle*) *lusca*, on *Morrhua lusca*).—Cerf., 1895h, 922; 1896, 517; 1898a, 302, 307, 312, 315–322, 326, pl. 12, figs. 1–5 (in *Morrhua lusca*); 1899a, 372.—Par., 1899, 4 (to *Octobothrium*) (on *Gadus minutus*; *Portoferraio*).—St.-Remy, 1898, 551.
- merlangi* (Kuhn, 1830) Cerf., 1895h, 922, 939, 942–943, pl. 1, figs. 4, 8 (in *Gadus merlangus*); 1896, 517, 531, 534, pl. 23, figs. 4, 8; 1898a, 301, 304, 310, 312, 324–325, pl. 12, figs. 12, 13 (in *Gadus merlangus* L.); 1899a, 370.—St.-Remy, 1898, 550, 556.
- minor* St.-Remy, 1898, 551=*Octobothrium minus* Olss., 1876.
- molva* Cerf., 1895h, [944], pl. 1, figs. 3, 7; 1896, pl. 23, figs. 3, 7.
- morrhua* (Ben. & Hesse, 1863) St.-Remy, 1898, 551 (= *Pterocotyle morrhua*).
- palmatum* (Leuck., 1830) Cerf., 1895h, 922, 939–940, 943–944 (in *Gadus molva*); 1896, 517, 531, 534–535; 1898a, 302, 312, 325–326 (in *G. mol. L.*); 1899a, 370.—St.-Remy, 1898, 550–551 (syn. *Octodactylus inhaerens* Dalyell).—Scott, 1897, Apr., 127 (in the Moray Firth).
- phycidis* Par. & Perugia, 1889, 743–744, fig. 5 (in *Phycis blennoides*; Genova); 1890, 743–744, fig. 5.—Braun, 1890a, 535 to *Octobothrium* (*Dactylocotyle*) on *Phycis blennoides* [blennoides].—Cerf., 1895h, 922; 1896, 517; 1898a, 302.—Par., 1894, 135–136 (in *Phycis blennoides*; Genova).—St.-Remy, 1898, 551.—Staff., 1904, May 3, 482 (gills of *Phycis chuss* Walb.; Canada).
- pollachii* (Ben. & Hesse, 1863) Braun, 1883a, 50; 1890a, 472, 476, 492, 498, 535, to *Octobothrium* (*Dactylocotyle*), on *Merlangus pollachius*.—Cerf., 1895h, 914–915, 921, 922, 938, 941–942, pl. 1, figs. 2, 6 (in *Gadus pollachius*); 1896, 211, 516, 517, 530, 533–534, pl. 23, figs. 2, 6; 1898a, 301, 311, 312, 317, 318, 319, 321, 324 (in *G. p.*).—St.-Remy, 1898, 549–550, 551.—Scott, 1901, 150, pl. 8, figs. 28, 29; 1901, 343 (in *G. p.*; Irish Sea).
- squillarum* (Par. & Perugia, 1889) Stoss., 1898, 12–13 (on *Bopyrus squillarum*; Trieste).
- taschenbergi* Par., 1894, 704 (for *taschenbergii*).
- taschenbergii* (Par. & Perugia, 1889) Par., 1894, 136, to (*Choricotyle*) (in *Sargus rondeletii*; Genova).—Cerf., 1895h, 922, 923; 1896, 517.
- DACTYLODA** Mont., 1905, 25, Mai, 403 (order for *Temnocephalidae*).
- DACTYLODISCUS** Olss., 1893, 7–8 (m. borealis).—Mont., 1903, 336 (syn. of *Tetraonchus*); 1905, 79–80.—Pratt, 1900a, 646, 554 (key), 657, fig. 48.—St.-Remy, 1898, 524, 564, 567.
- borealis* Olss., 1893, 7–8, pl. 1, figs. 7–10 (on *Thymallus vulgaris*, in lacubus Jemtlandiae Sällsjön, Näliden, Ockesjön et in flumine ad Mörsil; *Coregonus lavaretus*, in lacu Ockesjön).—Mont., 1905, 79.—St.-Remy, 1898, 568, fig. 6 (in *Coregonus lavaretus*).—Pratt, 1900a, 657, fig. 48.

^a “Dans la description, le *Dactylocotyle denticulatum* avait été pris comme type, parce que c’est dans cette forme que les organes de fixation, caractéristiques du genre, présentaient la plus grande complication.”—Cerf., 1898, p. 305.

It is impossible to take this species as type. See International Code, Art. 30.

- DACTYLOGYRUS** Dies., 1850a, 290, 433, 650, 651–652 (m. *auriculatus*); 1858e, 374, 375; 1859c, 440.—Ben., 1858a, 1861a, 63.—Ben. & Hesse, 1864, 121.—Brand., 1894a, 309.—Braun, 1890a, 412, 413, 417, 426, 434, 438, 444, 445, 452, 458, 465, 468, 478, 479, 486, 497, 499, 503, 512, 515, 517, 523, 542, 543; 1893a, 890.—Carus, 1863, 478.—Cobbold, 1879, 41, 42.—Fraip., 1880c, 418.—Gamb., 1896a, 73.—Goldb., 1855a, 20.—Goto, 1891a, 161, 166, 183, 185; 1893a, 798, 801, fig. 3.—Haswell, 1892b, 150; 1893e, 114.—Hoyle, 1890, 539 (about 20 species, on fishes).—Jackson, 1888, 654.—Kath., 1894a, 128, 133, 144, 155, 156, 157.—Leuck., 1886d, 45, 48.—Maclaren, 1904b, 574, 598, 599, 600.—Mont., 1888a, 10, 14, 40, 84, 86, 101, 107; 1889, 114; 1891, 109, 111; 1892, Oct. 7, 186, 213 (gen. of Gyrodactylinae); 1903, 336 (of subf. Gyrodactylinae).—Olss., 1893, 7.—Pratt, 1900a, 646, 654 (key), 657, fig. 44.—St.-Remy, 1898, 524, 566.—Stoss., 1898, 18.—Tasch., 1879, 69; 1879, 260 (syn. of *Gyrodactylus* Nord.), 261, 263 (of Wagener, syn. of *Tetraonchus* Dies.), 265 (of Wagener, syn. of *Calceost.* Ben.).—Wagener, 1857, 28, 29, 50, 54–55, 57–76.
- aequans* Wagener, 1857, 99, pl. 15, fig. 14 (in *Labrax lupus*); —, 84.—Ben. & Hesse, 1864, 121, 122 (to *Diplectanum*).—Dies., 1858e, 381 (to *Diplectanum*).—Tasch., 1879, 264 (to *Diplectanum*).
- alatus* Linst., 1878, 227, fig. 10 (on *Blicca bjoerkna*; Europe); 1889a, 91 (in *Bl. bj.*, *Alburnus lucidus*).—Braun, 1890a, 544, 549, 550.
- amphibothrium* Wagener, 1857, 57, 58, 60, 66, 70, pl. 11, figs. 3, 4, pl. 12, figs. 1–4, pl. 15, fig. 11 (in *Acerrina cernua*).—Braun, 1890a, 544, 549, 550.—Dies., 1858e, 377.—Linst., 1873, 99; 1878, 229–230, fig. 15.—Tasch., 1879, 262 (in *Acerina cernua*).
- anchoratus* (Duj., 1845) Wagener, 1857, 49, 52, 55, 62, 99, pl. 15, fig. 8.—Dies., 1858e, 376.—Kath., 1894a, 156.—Reported for *Carassius auratus*, *Cyprinus carpio*.
- auriculatus* (Nord., 1832) Dies., 1850a, 433, 651–652; 1858e, 375–376; 1859c, 440.—Ben., 1858a, 1861a, 66 (to *Gyrodactylus*).—Braun, 1890a, 419, 544, 549, 550, 551.—Kath., 1894a, 156.—Kroyer, 1852–53a, 1223, 1225, 1226 (in *Abramis brama* L.; *Phoxinus phoxinus* L.).—Par. & Perugia, 1890, 9.—Pratt, 1900a, 657, fig. 44.—Tasch., 1879, 261 (syns. *Gyrodactylus auric.* Nord.; *G. anchoratus* Duj.) (in *Abramis brama*, *Cyprinus carpio*, *Phoxinus phoxinus*).—Wagener, 1857, 76.
- benedeni* St.-Remy, 1898, 566, 567 for *Dactylogyrus vanbenedeni* Par. & Perugia.
- calceostoma* Wagener, 1857, 99 (in *Sciena aquila*).—Dies., 1858e, 379 (in *Sc. aq.*); 1859c, 441 (syn. of *Calceost. elegans* Ben., type of *Calceostomum*).—Tasch., 1879, 265 (syn. of *Calceost. elegans* Ben.) (of Ben.).
- cochlea* (Wedl, 1857) Braun, 1890a, 408, 417.
- cornu* Linst., 1878, 228–229, fig. 13 (on *Abramis vimba*).—Braun, 1890a, 544, 549, 550 (on *Ab. v.*; Middle Europe).
- crassiusculus* (Wedl, 1857) Braun, 1890a, 417, 435.
- cruciatus* (Wedl, 1857) Braun, 1890a, 417.
- crucifer* Wagener, 1857, 55, 60, 63, 73, pl. 14, fig. 3 (in *Cyprinus erythrophthalmus*).—Braun, 1890a, 544, 549, 551.—Dies., 1858e, 377–378.—Tasch., 1879, 262 (in *Leuciscus erythrophthalmus*).
- difformis* Wagener, 1857, 63, pl. 15, fig. 6 (in *Cyprinus erythrophthalmus*).—Braun, 1890a, 544, 549, 551.—Dies., 1858e, 378 (in *Leuciscus erythrophthalmus*).—Tasch., 1879, 262 (in *L. ery.*).—Also reported for *Scardinius erythrophthalmus*.
- dujardinianus* (Dies., 1850) Dies., 1858e, 376 (in *Cyprinus carpio*, *Leuciscus rutilus*); 1859c, 440 (syn. *Gyrodactylus auriculatus* Ben.).—Braun, 1890a, 544, 549, 550, 551.—Kath., 1894a, 156.—Linst., 1877, 182–183.—Olss., 1893, 7.—St.-Remy, 1898, 566–567.—Tasch., 1879, 261 (syn. *Gyrodac. auric.* Nord. of Duj., 1845a) (in *Cypr. carp.*, *Leuc. rut.*, *Abramis brama*).—Also reported for *Cypr. gibelio*, *Leuc. idus*, *L. prasinus*.
- echeneis* Wagener, 1857, 99, pl. 15, fig. 13 (in *Chrysophrys aurata*).—Braun, 1890a, 544, 549 (Genua), 550.—Dies., 1858e, 379 (in *Chrys. aur.*).—Par. & Perugia, 1889, 746 (in *Chrys. aur.* Wagener); 1890, 746.—Tasch., 1879, 263 (in *Chrys. aur.*).
- falcatus* (Wedl, 1857) Dies., 1858e, 377 (in *Cyprinus* sp.).—Braun, 1890a, 417, 544, 549.—Tasch., 1879, 261–262 (syn. *Gyrodactylus falcatus* Wedl).

DACTYLOGYRUS—Continued.

- fallax* Wagener, 1857, 55, 70, pl. 11, figs. 1, 2, pl. 15, fig. 7 (in *Cyprinus erythrophthalmus*, *C. rutilus*).—Braun, 1890a, 544, 549, 551.—Dies., 1858e, 376–377.—Tasch., 1879, 261 (in *Leuciscus rutilus*, *L. erythrophthalmus*).—Also reported for *Leuc. idus*, *L. prasinus*, *Scardinius erythrophthalmus*.
- forceps* Leuck. (1857), 26 (in *Chondrostoma nasus*); 1858a, 118 (in *Cyprinus nasus*, *C. dobula*).—Linst., 1878a, 254 (in *Squalius cephalus*), 257 (in *Chond. nasus*).
- gracilis* Wedl. 1861, 480, pl. 3, figs. 41–42 (on *Hydrocyon dentex*).—Braun, 1889a, 362.
- maior* Tasch., 1879, 263 (in *Gobio fluviatilis*) (for *major*).
- major* Wagener, 1857, 99, “pl. 15, fig. 9” (in *Gobius fluviatilis*).—Braun, 1890a, 544, 549, 550.—Dies., 1858e, 379 (in *Gobio fluviatilis*).—Tasch., 1879, 263 (*maior*) (in *Gobio fluviatilis*).
- malleus* Linst., 1877, 182, pl. 12, figs. 12–13 (in *Barbus fluviatilis*).—Braun, 1890a, 544, 549, 550.—Sramek, 1901, 95, 110, fig. 64 (in *Barb. fluv.*).
- megastoma* [also *megastomum*] Wagener, 1857, 57, 62, 67, 99, pl. 14, fig. 5, pl. 36A, fig. 2 (in *Cyprinus blicca*, *C. amarus*).—Braun, 1890a, 544, 549, 551.—Dies., 1858e, 378 (in *Rhodeus* (*Cyprinus*) *amarus*).—Tasch., 1879, 262 (in *Rhod. am.*).
- megastomum*, see *megastoma*.
- minor* Wagener, 1857, 60, 63, pl. 14, fig. 4 (in *Cyprinus alburnus*).—Braun, 1890a, 544, 549, 550.—Dies., 1858e, 378 (in *Aspius alburnus*).—Linst., 1878, 227–228, fig. 11.—Tasch., 1879, 262 (in *Aspius alburnus*).—Also reported for *Alburnus lucidus*, *Blicca bjerkna*.
- mollis* (Wedl, 1857) Dies., 1858e, 378–379 (in *Cyprinus carpio*).—Braun, 1890a, 544, 549, 550.—Linst., 1885, 252, pl. 15, fig. 29.—Mont. 1888, 90.—Tasch., 1879, 262 (syn. *Gyrodactylus mollis* Wedl) (in *Cyprinus carpio*).
- monenteron* Wagener, 1857, 52, 55, 56, 58, 61, 63, 64, 65, 66, 67, 69, 70, 71, 72, 73, 76, pl. 13, fig. 1, pl. 36A, fig. 3f (in *Esox lucius*).—Braun, 1890a, 424, 452, 486.—Dies., 1858e, 380 (to *Tetraonchus*).—Olss., 1893, 7.
- paradoxus* (Crep., 1839a) Linst., 1878a, 210 (in *Lucioperca sandra*).
- pedatus* Wagener, 1857, 99, pl. 15, fig. 12, pl. 36A, fig. 3 (in *Julis*).—Ben. & Hesse, 1864, 121.—Dies., 1858e, 382 (to *Diplectanum*).—Tasch., 1879, 264 (to *Diplec.*).
- siluri* Wagener, 1857, see Braun, 1890a, 544, 549, 552 (in *Silurus glanis*; middle Europe).
- siluri glanidis* Wagener, 1857, see Dies., 1858e, 379 (in *Silurus glanis*).
- species Olsson (in *Coregonus lavaretus*).
- species Sramek, 1901, 95 (in *Blicca bjerkna* L.).
- species Sramek, 1901, 95 (in *Carassius vulgaris* L.).
- species Sramek, 1901, 95 (in *Idus melanotus* L.).
- species Sramek, 1901, 96 (in *Scardinius erythrophthalmus* Bonap.).
- sphyrna* Braun, 1890a, 544, 549, 550, for *sphyrna*.
- sphyrna* Linst., 1878, 229, fig. 14 (in *Abramis vimba*).—Braun, 1890a, 544 (*sphyrna*), 549 (middle Europe), 550.
- tenuis* (Wedl, 1857) Dies., 1858e, 379 (in *Perca fluviatilis*).—Braun, 1890a, 417, 544, 549, 551.—Tasch., 1879, 262–263 (syn. *Gyrodactylus tenuis* Wedl) (in *Perca fluviatilis*).
- trigonostoma* Wagener, 1857, 99, “pl. 15, fig. 10” (in *Cyprinus rutilus*).—Braun, 1890a, 544, 549, 551.—Dies., 1858e, 379 (in *Leuciscus rutilus*).—Tasch., 1879, 263 (in *Silurus glanis*).—Also reported for *Leuc. idus*, *L. prasinus*.
- tuba* Linst., 1878, 228, fig. 12 (in *Squalius leuciscus*).
- uncinatus* Wagener, 1857, pl. 13, fig. 2 (in *Perca fluviatilis*).
- unguiculatus* Wagener, 1857, 61, 62, 64, 65.—Dies., 1858e, 381 (to *Tetraonchus*).—Tasch., 1879, 263 (to *Tetraonchus*).
- van benedeni* St.-Remy, 1898, 567 (syn. of *Tetraonchus benedeni*), for *van benedenii*.
- van benedenii* Par. & Perugia, 1895, 2 (in *Mugil auratus*; Trieste, Dec.), see also *benedenii*.

DECACOTYLUS Mayer, 1841a, 24, *D. lanceolatus alosæ*.

lanceolatus alosæ Mayer, 1841a, 24, *Octobothrium lanceolatum* renamed.

DENDROCÆLI Burm.—Braun, 1890a, 515.—Mont., 1888a, 83.—Tasch., 1879, 233 (contained f. *Malacobothrii* for *Diplost.*, *Cerc.*, *Dist.*, *Amphist.*, *Holost.*,

DENDROCELI—Continued.

Polyst., Monost., Caryophyllæus, and f. Plectobothrii for Aspidogaster, Trist., Octobothrium, Diplozoon, Hectocotyle, Cyclocotyle, Nitzschia, Axine).

DERMOCYSTIS Staff., 1905, Apr. 11, 682 (m. ctenolabri); δέρμα, skin; κύστις bladder.

ctenolabri Staff., 1905, Apr. 11, 682 (gills and skin of Ctenolabrus adspersus Walb.) includes Linton, 1899, 281, 296, pl. 40, figs. 76–81.

DEROGENES Luehe, 1900w, 507–509 (m. ruber); 1901n, 395, 396, 476, 478–479, 480, 481, 484 (Hemiuridae).—Looss, 1901, 206; 1901, 438; 1901, 658; 1902, 839.—Odhn., 1905, 363, 364, 365, 366.—Pratt, 1902a, 889, 905 (key).—Stoss., 1902, 582.

affinis (Rud., 1819) Luehe, 1901n, 479 (in Scorpæna cirrosa).—Odhn., 1905, 364. *cacozelus* Nicoll, 1907, 72, 90–91, pl. 3, fig. 10 (in Pleuronectes limanda, Hippoglossus vulgaris).

minor Looss, 1901d, 437–439, fig. 5 (in Labrus merula; Triest).—Johnstone, 1907, 191–192.—Luehe, 1901n, 479.—Odhn., 1905, 361, 364.

plenus Staff., 1904, May 3, 484 (in Anarrhichas lupus; Canada); 1905, Apr. 11, 682.

ruber Luehe, 1900, 507–509 (in gall bladder of Trigla lineata); 1901, 396, 479, 483.—Looss, 1901, 437, 438, 439.—Odhn., 1905, 362, 363, 364.

urocotyle (Par., 1899) Odhn., 1905, 364.

varicus (Mueller, 1784) Looss, 1901d, 438, 439.—Johnstone, 1907, 188–192, fig. 18 (in G. merl.; Cumberland).—Luehe, 1901, 479.—Nicoll, 1907, 68, 70, 71, 72, 90, 91 (in Cottus bubalis, C. scorpius, Gadus merlangus, Hippoglossus vulgaris, Pleuronectes limanda, Rhombus lævis, R. maximus).—Odhn., 1905, 360–364, 365, pl. 4, figs. 6–7 (syns. Fasc. varica Mueller, Dist. dimidiatum.—Staff., 1904, May 3, 483 (in Salmo salar, Gadus callarias, Melanogrammus aeglefinus, Pollachius virens, Clupea harengus, Osmerus mordax, Sebastes marinus, Anguilla anguilla, Cryptacanthodes maculatus, Acanthocottus scorpius, Hemitripterus americanus, Lophius piscatorius, Hippoglossus hippoglossus, Limanda ferruginea, Platsysomichthys hippoglossoides, Hippoglossoides platessoides; Canada), 484; 1905, Apr. 11, 682 (abundant in copepods, Acartia, Aug.).

DEROPRISTIS Odhn., 1902, 154–156 (tod. hispida).—Pratt, 1902a, 888, 896 (key).

hispida (Abildg., 1819) Odhn., 1902, 155, 156, 159.—Staff., 1904, May 3, 492 (hispidus, int. Acipenser rubicundus), 493.

inflata (Mol., 1859) Odhn., 1902, 157–160, figs. 1–2 (in Anguilla vulgaris; Triest).—Staf., 1904, May 3, 485 (int. A. anguilla; Canada).

DEUTEROBARIDINÆ Looss, 1902m, 699.

DEUTEROBARIS Looss, 1900, Dec. 3, 602=Baris Looss, 1899 [not Germ., 1817] renamed, hence type proteus; 1902, 546, 634, 635, 639, 646, 647, 648, 659, 660, 664, 669, 674, 675, 682, 684, 693–694, 695, 698, 699.—Pratt, 1902, 890, 909 (key).

proteus (Brandes, 1891) Looss, 1902, 416, 633, 694, pl. 31, figs. 151–168 (in first, widened, portion of large intestine of Chelone mydas).

DIAPHOROCOTYLINÆ Mont., 1903, 336 (f. Octocotylidæ).

DICLIBOTHRIUM Leuck., 1836a, 764, see Dicylbothrium.

DICLIDOPHORA Dies., 1850a, 289, 417–418 (longicollis and palmata), 425; 1858c, 315, 383–384.—Braun, 1890a, 518.—Burm., 1856a, 251.—Cerf., 1895h, 920; 1895m, 130, 134, 137, 139, 140, 141, 142–143; 1896, 516, 540, 542, 545, 546, 547, 548, 549–550.—Gamb., 1896a, 73.—Goldb., 1855a, 19.—Johnston, 1865a, 31.—Mont., 1903, 336 (syn. Choricotyle) (subf. Diclidophorinæ).—Pratt, 1900a, 646, 652 (key), 656, 660, fig. 36.—St.-Remy, 1898, 523, 545, 551–552.—Tasch., 1879, 239.

affinis (Lint., 1898) Lint., 1901, 408, 414, 482 (in Paralichthys dentatus).—Pratt, 1900a, 656, fig. 36, 657, 660 (key).

chrysophri St.-Remy, 1898, 555, for chrysophryi.

chrysophryi (Ben. & Hesse, 1863) — — —, 1895.

elongata Goto, 1894a, 210–212 (in Pagrus tumifrons, sometimes on Cymothoa; Mogi and Hakodate, Japan).—Cerf., 1895m, 126, 142, 144 (in Pag. tum.; Japan); 1896, 536, 547, 548, 550; 1898a, 303.—St.-Remy, 1898, 553.

DICLIDOPHORA—Continued.

labracis Cerf., 1895m, 126–142, 143, pl. 3, figs. 1–15 (in *Labrax lupus*; White Bank, N. Sea); 1896, 535–537, 539, 540, 548, 550, pl. 25; 1896, 230–232; 1898b, 338; 1899a, 371, 412.—Ben., 1895, 20–21.—Braun, 1896a, 1346.—St.-Remy, 1898, 554–555.

longicollis Dies., 1850a, 417 (Octost. *merlangi* Kuhn, 1830, renamed) (in *Merlangus communis*); 1858e, 384; 1859c, 443 (to Octoplectanum).—Ben., 1858a, 1861a, 44, 49 (syn. of Octobothrium *merlangi*.—Cerf., 1895h, 915 (syn. of Octob. *merl.*); 1895m, 139; 1896, 512, 547.—Tasch., 1879, 245 (syn. of Octob. *merl.* Kuhn).

merlangi (Kuhn, 1829) Kroyer, 1838–40a, 606 (in *Merlangus vulgaris* L.).

palmata (Leuck., 1830) Dies., 1850a, 417–418 (includes Octobothrium *digitatum* Rathke); 1858e, 384; 1859c, 443 (to Octoplectanum).—Cerf., 1895f, 20–21; 1895h, 917 (to Octobothrium); 1895m, 139; 1896, 513, 547.—Johnston, 1865a, 31.—Kroyer, 1838–40a, 608, 611 (in *Lota molva* L., *Hippoglossus maximus* Mind).—Tasch., 1879, 246 (to Octobothrium).

sessilis Goto, 1894a, 212–213 (in *Chærops japonicus*; Mitsugahama, Japan).—Cerf., 1895m, 126, 140 (in Ch. *jap.*); 1896, 536, 547.—St.-Remy, 1898, 553–554.

smaris (Ijima, 1894) Goto, 1894a, 207–210, fig. 1 (syn. Octobothrium *smaris*); on *Smaris vulgaris*, on caudal segment of a *Cymothoa*; Gulf of Naples).—Cerf., 1895m, 126, 140, 142, 143–144 (in *Cymothoa* sp. in buccal cavity of *Smaris vulgaris*; Gulf of Naples); 1896, 536, 547, 548, 550; 1898a, 303 (in *Cymothoa* on *Sm. vul.*).—St.-Remy, 1898, 552–553, 556.

sp. *Lint.*, 1905, 333, 380 (in *Orthopristis chrysopterus*; Beaufort, N. C.).

taschenbergi Par. & Perugia, 1892, 95, pl. 2, fig. 4, pl. 3, figs. 13–14, teste St.-Remy, 1898, 555.

tetrodonis Goto, 1894a, 213–215, pl. 10, figs. 1–4 (in *Tetrodon* sp.; Hagi, Japan).—Cerf., 1895m, 126, 140 (in *Tetrodon* sp.); 1896, 536, 547.—St.-Remy, 1898, 554.

DICLIDOPHORINÆ Cerf., 1895f, 20–21; 1895m, 132, 142; 1896, 535–552; 1898a, 303; 1899a, 345, 370.—Mont., 1903, 336 (f. Octocotyliidæ).—St.-Remy, 1898, 552.

DICLYBOTHRIUM F. S. Leuck., 1835a, 88 (m. *armatum*); 1836a, 764 (*Diclibothrium*).—Ben. & Hesse, 1864, 84.—Braun, 1890a, 518.—Burm., 1856a, 251.—Crep., 1839, 292.—Dies., 1850a, 289, 421, 425; 1858e, 315, 383 (*armatum*); 1859c, 443.—Goldb., 1855a, 19.—Tasch., 1879, 254, 255 (syn. of *Diplobothrium* Leuck.).

1836: *Diclibothrium* Leuck., 1836a, 764.

1836: *Diklibothrium* Leuck., in Kollar, 1836, 81.

1842: *Diplobothrium* Leuck., 1842a, 18 (*armatum*).

armatum Leuck., 1835a, 88 (in *Acipenser rostratus*); 1836a, 764; 1836, 219.—Braun, 1889a, 332.—Crep., 1839, 292.—Dies., 1850a, 421 (includes *D. crassicaudatum* Leuck., *Hexacotyle elegans* Nord., *Diplobothrium armatum* Leuck., *Polyst. armatum* Duj.); 1858e, 383.—Staff., 1904, May 3, 488 (to *Diplobothrium*; on gills of *Acipenser rubicundus*).—Tasch., 1879, 254 (to *Diplobothrium*).

crassicaudatum Leuck., in Kollar, 1836, 81 (*Diklibothrium*) (in *Acipenser stellatus*).—Crep., 1839a, 292.—Dies., 1850a, 421 (syn. of *Diclib. armatum*).—Tasch., 1879, 254 (syn. of *Diplobothrium armatum* Leuck.).

DICOTYLE—Stiles, 1898a, 59 (quoted from Sonsino; a larval trematode).

DICOTYLIDÆ Mont., 1903, 336 (subf. *Dicotylinae*, g. *Sphyranura*).

DICOTYLINÆ Mont., 1903, 336 (g. *Sphyranura*).

DICRANOCÆLA Dies., 1850a, 286, 288, 293 (as tribe: “*Tractus intestinalis bifurcatus*”), 408.—Braun, 1893a, 892.—Goldb., 1855a, 15, 17.—Mont. 1888a, 83; 1892, Oct. 7, 196.

DICRANOCÆLI Burm., 1837, 528.—Braun, 1890a, 515.—Mont., 1888a, 83.—Tasch., 1879, 233.

DICRANOCÆLIA Dies., 1850a, 408 (subtribe I of *Polycotylea*, tribus III).

DICRANOPHORUS Nitzsch, 1827, 68 (contains *Cerc. catellina*, *C. lupus*, *C. vermicularis*, *C. forcipata*,? *C. catellus*).

(Dicrocœlium) Stiles & Hass., 1894e, 413, misprint for (*Dicrocœlium*).

DICROCÆLIINÆ Looss, 1899b, Dec., 635; 1902, 839.—Hollack, Johanne, 1902a, 867–869 (amphitypie); 1903a, 536; 1905, July, 53–54.—Odhn., 1902, 40.—Pratt, 1902a, 889, 904 (key), includes *Dicrocœlium*, *Lyperosomum*, *Athesmia*, related genera *Eumegacetes*, *Anchitrema*.—Ward, 1903, 863.

- (DICROCELIUM) Duj., 1845a, 391–401 (tld. lanceolatum = lanceatum), subg. of Dist. See Dicrocœlium.
- albicolle* (Rud., 1819) Duj., 1845a, 387, 393 (as variety of D. (D.) attenuatum; in Falco pennatus). See Dicrocœlium.
- albidum* Braun, 1893e, 353.
- arrectum* (Duj., 1845) Stoss., 1895, 225–226, 236.
- ascidia* (Ben., 1873) Stoss., 1892, 21, 39, 40.
- assula* Duj., 1845a, 387, 398 (in Coluber natrix; Toulouse).
- atomon* (Rud., 1802) Stoss., 1886, 57.
- attenuatum* Duj., 1845a, 387, 392–393 (in Turdus merula; Rennes) [not attenuatum Rud., 1814]. See Dicrocœlium.
- bacillare* (Mol., 1859) Stoss., 1886, 58.—Looss, 1899b, 571 (as described by Stoss., would belong to Creadiinae, possibly to Creadium).
- boscii* (Cobbold, 1859) Stoss., 1895, 226.
- buski* (Lankester, 1857) Rail., 1893a, 363–364, fig. 243. See Dicrocœlium.
- calceolus* (Mol., 1858) Stoss., 1886, 63.
- chilostomum* (Mehlis, 1831) Stoss., 1892, 20–21, 39, 40.
- choledochum* (Linst., 1883) Stoss., 1892, 161.
- clathratum* (Deslongchamps, 1824) Duj., 1845a, 393–394 (as var. of D. (D.) attenuatum). See Dicrocœlium.
- clavigerum* (Rud., 1819) Stoss., 1889, 64–65.
- cœlomaticum* (Giard & Billet, 1892) Rail., 1893a, 360. See Dicrocœlium.
- commune* (Olss., 1867) Stoss., 1886, 58.
- complanatum* (Rud., 1814) Duj., 1845a, 399–400 (believes it identical with D. (D.) hians).
- complexum* Stiles & Hass., 1894e, June, 425–426, pl. 1, figs. 1–3 (in Felis catus dom.; U. S. A.), 1894.
- concaum* (Crep., 1825) Stoss., 1892, 158–159, 188, 189.
- conus* (Crep., 1825) Stoss., 1892, 24–25, 39, 40.—Stiles & Hass., 1896a, 156 (to Opisthorchis).
- crassicolle* (Rud., 1809) Stoss., 1889, 63–64.
- crassum* (Sieb., 1836) Stoss., 1892, 156–157, 192.
- cygnoides* (Zed., 1800) Duj., 1845a, 396–397.—Stoss., 1898, 31 (to Pleorchis).
- cylindraceum* (Zed., 1800) Duj., 1845a, 386, 395–396.—E. Bl., 1847, 295 (to Brachylæmus).—Looss, 1899b, 600 (type of Haplometra).
- dendriticum* (Rud., 1819) —, 1896. See Dicrocœlium.
- endolobum* Duj., 1845a, 386, 397 (in “Grenouilles vertes et rousses, et de la Salamandre;” Rennes).—Looss, 1899b, 589 (type of Opisthioglyphe).
- erolanii* (Mont., 1893) Stoss., 1895, 223–224, 234.—Looss, 1899b, 567 (probably identical with Telorchis linstowii).
- erinaceum* (Poir., 1886) Stoss., 1892, 22, 37.—Looss, 1899b, 570 (probably an Astia).
- eurystomum* (Linst., 1877) Stoss., 1892, 159–160, 189.
- felineum* (Rivolta, 1884) Rail., 1893a, 361. See Dicrocœlium.
- fasciatum* (Rud., 1819) Stoss., 1886, 59.—Barbagallo & Drago, 1903, 410 (in Crenilabrus ceruleus, Serranus scriba; Catania).—Looss, 1899b, 571 (as described by Stoss., this belongs to Creadiinae, possibly to Creadium).
- flexuosum* (Rud., 1809) Duj., 1845a, 386, 398–399.—Type of Omphalometra 1899.
- furcigerum* (Olss., 1868) Stoss., 1886, 58.
- fuscum* (Rud., 1819) —? —, date?
- fuscescens* (Rud., 1819) Stoss., 1886, 59.
- gelatinosum* (Rud., 1819) Stoss., 1895, 226–227, 236, 237.—Looss, 1899b, 567–568.
- globiporum* (Rud., 1802) Stoss., 1886, 59.
- gobii* (Stoss., 1883) Stoss., 1886, 58; 1892.
- heterostomum* (Rud., 1809) Duj., 1845a, 400 (thinks it identical with hians).—Braun, 1899, 1 (to Dicrocœlium); 1899, 487 (to Clinost.). See Dicrocœlium.
- hians* (Rud., 1809) Duj., 1845a, 399.—Looss, 1899b, 563 (type of Cathemasia).
- horridum* (Leidy, 1850) Stoss., 1895, 220, 234. See Plagiorchis.

(DICROCELIIUM)—Continued.

labracis Duj., 1845a, 386, 398 (in *Labrax lupus*; Rennes).—Ben., 1870, 45 (to *Echinost.*). See *Dicrocoelium*.

labri (Stoss., 1886) Stoss., 1886, 60.

lancea (Dies., 1850) Stoss., 1892, 26–27, 37.

lanceolatum (Rud., 1803) Duj., 1845a, 386, 391–392 [not Schrank, 1790]. See *Dicrocoelium lanceatum*.

lingua (Crep., 1825) Stoss., 1892, 158, 190.—Looss, 1899b, 586 (type of *Tocotrema*).

linstowi (Stoss., 1890) Stoss., 1895, 224–225, 237.—Looss, 1899b, 566 (to *Telorchis*).

longissimum (Linst., 1883) Stoss., 1892, 161, 191.—Stiles & Hass., 1896c, 155 (to *Opisthorchis*).

longissimum (Poir., 1886) Stoss., 1892, 25–26, 37.

lucipetum (Rud., 1819) Duj., 1845a, 386, 400–401.—Looss, 1899b, 587 (to *Phlophthalmus*).

macrorum (Rud., 1819) Baird, 1853a, 50.—Par., 1899 (to *Dicrocoelium*); 1902, 4 (in *Sturnus vulgaris*, *Turdus musicus*; Elba). See *Dicrocoelium*.

mutabile (Mol., 1895) Stoss., 1895, 224, 236. See *Dicrocoelium*.

naia (Rud., 1819) Duj., 1845a, 387, for *naja*.

naja (Rud., 1819) Duj., 1845a, 395.—Looss, 1899b, 604 (type of *Macrodera*).

neglectum (Linst., 1887) Stoss., 1889, 65.—Looss, 1899b, 617 (= *Pleurogenes claviger*).

nigrovenosum (Bellingham, 1844) Stoss., 1895, 222–223, 234.—Luehe, 1899, 535 (thinks *D. nigrovenosum* belongs to *Lecithodendrium*).

ovatum (Rud., 1803) Duj., 1845a, 388, 394–395.—Stoss., 1892, 144 (to *Cephalogonimus*).—Type of *Prosthogonimus* 1899 and *Prymnoprion* 1899.

pallasii (Poir., 1885) Stoss., 1892, 27, 37.

pallens (Rud., 1819) Stoss., 1886, 59.

pellucidum (Linst., 1873) Stoss., 1892, 157, 192.—Looss, 1899b, 629 (to *Prymnoprion*).

poirieri Stoss., 1895, 227, 237.—Looss, 1899b (to *Telorchis*).

pulchellum (Rud., 1819) Barbagallo & Drago, 1903, 410 (in *Gobius jozo*; Catania).

rathouisi (Poir., 1887) Stoss., 1892, 27–28, 40.

reflexum (Crep., 1825) Stoss., 1886, 57.

retusum (Duj., 1845) Stoss., 1886, 63.

sauromates (Poir., 1886) Stoss., 1895, 220–221, 235.

scorpxenæ (Rud., 1819) Stoss., 1886, 59.—Par., 1899, 5 (to *Dicrocoelium*). See *Dicrocoelium*.

simplex (Rud., 1809) Stoss., 1886, 58.

singulare (Mol., 1861) Stoss., 1892, 162, 191.—Looss, 1899b, 596 (type of *Stomylus*).

spatula Duj., 1845a, 386, 394 (in *Accentor modularis*; Rennes).

spinosum (Linst., 1880) Stoss., 1892, 162, 193.—Luehe, 1899, 531 (perhaps syn. with *Dist. cirratum*).

squamula (Rud., 1819) Stoss., 1892, 20, 39.—Type of *Eurysoma*.

verrucosum (Mol., 1859) Stoss., 1900, 59. Homonym.

vitellilobum (Olss., 1876) Stoss., 1889, 67.—Looss, 1899b, 606–607.

viverrini (Poir., 1886) Stoss., 1892, 24, 39.—Stiles & Hass., 1896, 155 (to *Opisthorchis*).

DICROCELIIUM (Duj., 1845) E. Bl., 1847, 291 (tld. *lanceatum*).—R. Bl., 1891, 609, 610; 1895, 730.—Braun, 1892a, 643; 1893a, 885, 909, 910; 1893, 353, 354; 1893f, 388; 1901a, 34; 1901, 562, 563, 565; 1901h, Nov. (n. sp. in *Zibethkatze*), 700, 701, 702; 1902, 17 June, 356; 1902b, 97, 100, 102; 1903, 166; 1906, 173–174.—Cohn, 1903, 37.—Darr, 1902, 698.—Gomy, 1897a, 374.—Hausmann, 1897b, 29.—Hollack, 1902a, 867–869.—Hoyle, 1890, 540.—Klein, 1905, 20; 1905, 78.—Leuck., 1863a, 586.—Looss, 1899b, 535, 610, 632–635, 648, 650, 721.—Luehe, 1899, 530, 533; 1900, 490; 1901, 173.—Mont., 1888a, 92, 105; 1893, 150; 1896, 168.—Pratt, 1902a, 889, 904 (key).—Rail., 1900, 212; 1900, 239–242 (of birds); 1900, 514.—Rail. & Marotel, 1898, 33, 37, 38.—Sons., 1889, 276.—Stiles, 1898a, 22, 55; 1901, 193, 197.—Stiles & Hass., 1898a, 87 (*lanceatum* designated type), 97.—Stoss., 1892, 20; 1898, 41.—Ward, 1903, 871.

DICROCELIUM—Continued.

- albicollis* (Rud., 1819) Braun, 1901, 562; 1902b, 99–101, fig. 58 (includes *macrourum* Stoss., 1892, *longicauda* p. p. Muehling, 1890), in *Aquila pennata*; Vienna.
- attenuatum* (Duj., 1845) Rail., 1900, 241 (in *Turdus merula*).
- buski* R. Bl., 1888a, 622, for *buskii*.—Stiles, 1904i, 41.—Ward, 1895, 328 (in *Homo*).
- buskii* (Lankester, 1857) Weinland, 1858, 87; 1859, 281.—Cobbold, 1866, 6; 1876, 303; 1879, 20.—Stiles, 1904i.
- clathratum* (Deslongchamps, 1824) Looss, 1899b, 634.—Braun, 1902b, 100, 101.—Rail., 1900, 239.
- coelomaticum* (Giard & Billet, 1892) Rail., 1896, 160.—Gomy, 1897a, 374, 375.
- concinnum* Braun, 1901, 700–702, 1 fig. (in *Viverra zibetha*).—Hollack, 1902a, 869.
- deflectens* (Rud., 1819), 1901h, 702; Braun, [1901, 563]; 1902b, 101–102, fig. 59 (in *Thryothorus hypoxanthus*; Brazil).
- delectans* Braun, 1901g, 945–946 (in *Myiothera ruficeps*; Brazil); 1901h, 702; 1902b, 102–103, fig. 60.
- dendriticum* (Rud., 1819) Looss, 1899b, 634.—Braun, 1901h, 702.
- felineum* (Rivolta, 1884) Moniez, 1896, 136.—Type of *Opisthorchis*.
- heterophyes* (Sieb., 1852) Weinl., 1858, 86; 1859, 281.—R. Bl., 1888a, 625.—Cobbold, 1866, 6.—Ward, 1895, 328.—Type of *Heterophyes*.
- heterostomum* (Rud., 1809) Braun, 1899, 1; 1900h, 19, 30.
- hospes* Looss, 1907, Mar. 5, 478–479, fig. 1 (in cattle from Soudan, in Cairo, Egypt).
- illiciens* Braun, 1901g, 944–945 (in *Rhamphastus* sp., *Pipra rupricola*; Brazil); 1901h, 702; 1902b, 102, 103, 104, 105–106, fig. 6.
- labracis* (Duj., 1845) Par., 1899, 5; 1902, 4 (syn. *D. verrucosum* Mol.) (in *Labrax lupus*; Elba).
- lanceatum* Stiles & Hass., 1896c, 158 (*lanceolata* Rud., 1803, not Schrank, 1790, renamed); 1898a, 87, 97 (type).—R. Bl., 1900, 488; 1901b, 204, 207, 209, 210; 1901c, 581 (in sheep), 584, 586, 587.—Bossuat, 1902, 188, 189.—Braun, 1901h, 702; 1903, 166–168, figs. 115–117; 1906, 174–176, figs. 106–108 (in *Limax*, *Arion*, sheep, ox, goat, ass, horse, deer, hare rabbit, pig, man; Egypt, Siberia, Turkestan, North and South America).—Gomy, 1897a, 374.—Hollack, 1902a, 868.—Kamensky, 1902, 57–62 (in dogs).—Looss, 1899b, 633, 634, 635; 1905, 88 (rare in man); 1907, Feb. 1, 125, 126, 132, 134; 1907, Mar. 5, 479.—Rail., 1899, 345.—Rail. & Marotel, 1898, 33, 38.—Stiles, 1898a, 23, 55, 56, 137, 138, 139, 140, 141, 142, 143, figs. 36, 38; 1901, 193; 1902, 25, 28, 29, 33, 34; 1902, 204; 1903, 8, 84; 1904, Aug., 9, 12, 13, 29, 30, figs. 39–41.—Stoss., 1901, 97 (in *Lepus timidus*; Trieste).—Ward, 1903, 407; 1903, 864, 866, 869, 871 (description).
- lanceolatum* (Rud., 1803) Weinl., 1858, 86; 1859, 280.—R. Bl., 1888a, 602, 626; 1895, 734.—Braun, 1903, 166.—Engler, 1904, 186.—Galli-Valerio, 1898c, 7, 8; 1901c, 364 (mouton, cheval).—Kamensky, 1902a, 57–62 (in dog), 63–64.—Luehe, 1901, 172, 173; 1901, 487.—Stiles, 1898a, 55.
- lobatum* Rail., 1900, 241–242 (in *Accipiter nisus*).—Braun, 1901, 565; 1902b, 109, 110, 111 (to *Lyperosomum*).
- longicauda* (Rud., 1809) Looss, 1899, 634.—Braun, 1902b, 106, 107 (to *Lyperosomum*).—Rail., 1900, 240, 241.
- lubens* Braun, 1901g, 945 (in *Pipra rupricola*); 1901h, 702; 1902b, 102, 103, fig. 63 (*Pipra rupricola*).
- macrourum* (Rud., 1819) Par., 1899, 4.
- mutabile* (Mol., 1859) Braun, 1901, 702.
- oculi humani* (Gescheidt, 1833) Weinland, 1858, 86; 1859, 281.—R. Bl., 1888a, 630.—Stiles, 1902s, 29, 34.—Ward, 1895, 328 (in *Homo*).
- olssoni* Rail., 1900, 239 (*Apus apus*) “*Dist. clathratum* [Deslongchamps] of Olss. et Mueh.” renamed.—Braun, 1902b, 109.
- pancreaticum* (Rail., 1890) Rail., 1897, 371–377, 1 fig.—Braun, 1901h, 702.—Gomy, 1897a.—Looss, 1899b, 634; 1907, Feb. 1, 128, 132 (of Rail. & Marotel, 1898, syn. of *Eurytrema coelomaticum*).—Stiles, 1898a, 23, 55, 56, 57, 140, fig. 40.
- panpuriforme* Rail., 1900, 240–241 (in *Pica pica*).—Braun, 1902b, 109.

DICROCÆLIUM—Continued.

petiolatum Rail., 1900, 241 (in *Garrulus glandarius*).—Braun, 1901, 946; 1901h, 702; 1902b, 98, 99, 109, fig. 57.

plesiestomum (Linst., 1883) Looss, 1899b, 634.

refertum (Mueh., 1898) Looss, 1899b, 634.

reficiens Braun, 1901g, 945 (in *Falco nitidus*); 1901h, 702; 1902b, 98, 103, fig. 62.

scorpæna (Rud., 1819) Par., 1899, 5; 1902, 5 (in *Scorpæna scrofa*; Elba).

sinense (Cobbold, 1875) Moniez, 1896, 125.

strigosum Looss, 1899b, Dec., 634, 635, 727–728, fig. 47 (in *Merops apiaster* L. & Gm.; Marg).—Braun, 1902b, 109.

voluptarium Braun, 1901g, 945 (in *Falco* sp.); 1901h, 702; 1902b, 102, 103.

DICROGASTER Looss, 1902h, 134 (tod. *perpusillus*) (subf. *Haploporinæ*).

contractus Looss, 1902h, 136, figs. 3–4 (in *Mugil chelo*).

perpusillus Looss, 1902h, 134, 135–136, figs. 1–2 (in *Mugil chelo*).

DIDYMOCISTIS Ariola, 1902, 105, for *Didymocystis*.DIDYMOCYSTIS Ariola, 1902, 101–103 (tod. *reniformis*) fam. *Didymozoonidæ*.

reniformis Ariola, 1902, 101–103, 104, 107, figs. 1–3 (in *Thynnus vulgaris*; Naples) (includes *Monost. bipartitum* 2d form Wagener, 254, pl. 9, fig. 2, and *Didymozoon thynni* Tasch., 1879, 612).

wedli Ariola, 1902, 105–107, figs. 7–10 (in *Thynnus vulgaris*; Naples; Th. vul. and Th. *tunnina* from Gulf of Genoa) (includes *Monost. bipartitum* 3d form Wagener, pl. 9, figs. 5–8, and *Didymozoon thynni partim* Braun, Vermes IV, pl. 26, fig. 6d.).

DIDYMOSTOMA Ariola, 1902, 103–105 (evidently m. *bipartitum*), *Didymozoonidæ*.—This genus falls as syn. of *Wedlia* 1860.

bipartitum (Wedl, 1855) Ariola, 1902, 103–105, figs. 4–6 (includes *Monost. bipartitum* Wedl partim, *Didymozoon thynni partim*, *Monost. micropterygis Richiardi*) (in *Thynnus vulgaris*; Naples).

micropterygis (Richiardi, 1901) Ariola, 1902, 105. See also under syn. of *bipartitum*.

DIDYMOZOON Tasch., 1878, 716 (no sp. mentioned); 1879, 72; 1879, 605–617 (*Wedlia* renamed, hence type *thynni* = *bipartitum*), pl. 6, figs. 1–5; *διδυζοον, ζῶον*.—Ariola, 1902, 25 July, 99–108, figs. 1–11; 1903, 14 Aug., 533; 1905, July, 61.—Braun, 1883, 42, 57; 1891d, 424; 1892a, 569, 574, 577, 660, 696, 698, 699, 700, 704, 707, 711, 727, 734; 1893a, 878, 879, 886, 890, 894, 895, 913, 918; 1895, 126, 136.—Hoyle, 1890, 539.—Jackson, 1888, 654.—Looss, 1892a, 81; 1899b, 542.—Maclaren, 1904b, 602, 612.—Moniez, 1891, 186, 187.—Mont., 1888a, 9, 11, 15, 18, 34, 52, 53, 57, 92, 93, 106; 1892, Oct. 7, 214 (g. of *Didymozoonidæ*); 1892, 689, 690, 693, 713, 716; 1893, 24, 27, 137, 149, 150.—Par. & Perugia, 1893, 2, 3.—Poche, 1907, 125.—Pratt, 1902a, 890, 908 (key).—Richiardi, 1902–3, 4–5 (n. sp.).—Schneidemuehl, 1896, 295.—Stoss., 1898, 62.

auxis Tasch., 1879, 613, pl. 6, figs. 1, 3 (in *Auxis rochei*; Naples).—Braun, 1883, 41, 57; 1892a, 574; 1893a, 913.—Par., 1894, 169.—Par. & Perugia, 1890, 10; 1893, 2 (in *A. rochei*).

benedenii Mont., 1893, 137 (in *Orthogoriscus*).—Maclaren, 1904, 602.

exocæti Par. & Perugia, 1893, 1–4 (in *Exocetus volitans*; Genova) (syn. *Monost. filum* Wagener not Duj.).—Par., 1902, 7 (in *E. vol.*).

filicolle Mont., 1893, 150.

lampridis Loennb., 1891, 73–75, pl. 2, fig. 9 (in *Lampris guttatus*; Kristiania Museum).—Braun, 1891d, 424; 1893a, 914.

micropterygis Richiardi, 1902, 4–5 (in *Micropteryx dumerilii* Cuv.).

pelamydis Tasch., 1879, 612, 614, 615, 616, pl. 6, figs. ii, v (in *Pelamys sarda*; Naples).—Braun, 1883a, 41; 1893a, 913.—Moniez, 1891, 186.—Par., 1894, 169; 1902, 7 (in *P. s.*).—Par. & Perugia, 1890, 10; 1893, 2 (in *Pelamys sarda*).

pretiosus Ariola, 1902, 107–108, fig. 11 (in *Thynnus vulgaris*).

scombri Tasch., 1879, 612, 615, 616, pl. 6, fig. iv (in *Scomber colias*; Naples).—Braun, 1892a, 734; 1893a, 913.—Mont., 1890, 427.—Par. & Perugia, 1890, 10; 1893, 2 (in *Scomber scomber*).—Stoss., 1890, 50; 1898, 63.

serrani Mont., 1889, 322–323, pl. 33, fig. 6 (in *Serranus fimbriatus* at Madeira and *S. gigas* at Naples).—Braun, 1893a, 914.—Par. & Perugia, 1893, 2 (in *Serranus gigas*).

species Par. & Perugia, 1890, 10.

DIDYMOZOON—Continued.

sphyrænæ Tasch., 1879, 612, 614, 615 (in *Sphyræna vulgaris*; Naples).—Barbagallo & Drago, 1903, 411 (in *Sphyræna vulgaris*; Catania).—Brand., 1891d, 18.—Braun, 1893a, 913.—Maclaren, 1904b, 608.—Mont., 1888a, 7, 17; 1892, 716.—Par., 1894, 169; 1899, 7; 1902, 7 (in *S. vul.*).—Par. & Perugia, 1890, 10; 1893, 2 (in *Sphyræna vulgaris*).

tenioides Mont., 1888a, 93 (in *Orthagoriscus mola*); 1893, 137.—Maclaren, 1904b, 602.—Stoss., 1900, 8, figs. 10–11 (in *Or. mola*; Trieste).

thynni Tasch., 1879, 612, 613, 614, 615, 616 (syn. *Monost. bipartitum* Wedl [type of *Wedlia* 1860]) (in *Thynnus vulgaris*).—Ariola, 1902, 100, 101 (of Tasch. syn. of *Didymocystis reniformis* Ariola), 103 (of Braun's *Vermes*, figs. 6–7, syn. of *Didymostoma bipartitum*), 105 (of Braun's *Vermes*, pl. 26, fig. 6d, syn. of *Didymocystis wedli* Ariola).—Barbagallo & Drago, 1903, 411 (in *Thynnus vulgaris*; Tonnara di Sa. Panagia).—Braun, 1883, 57; 1892a, 660, 734; 1893a, 914.—Gamb., 1896a, 71.—Moniez, 1891, 186.—Par., 1894, 169.—Par. & Perugia, 1889, 746–747 (syn. *Monost. bipartitum* Wedl.) (in *Thynnus thunnina*); 1890, 746–747; 1890, 9–10; 1893, 2.—Stoss., 1898, 62–63.

DIDYMOZOONIDÆ Mont., 1888a, 17, 18, 23, 52, 93, 106; 1892, 7 Oct., 214 (f. of suborder *Malacocotylea*); 1892, 689; 1893, 12.—Ariola, 1902, 101.—Brand., 1892, 505.—Braun, 1893a, 887, 890, 895, 900, 913; 1895, 136.—Looss, 1899b, 541, 543, 659.—Luehe, 1901, 488.—Maclaren, 1904b, 603, 612.—Par. & Perugia, 1890, 9.—Poche, 1907, 125.—Pratt, 1902a, 890, 908 (key), includes *Didymozoon*, *Nematobothrium*.—Schneidemuehl, 1896, 295.—Stoss., 1898, 62.

DIDYMOZOONTIDÆ Gamb., 1896a, 73.

DIGENA Olsson, 1893, for *Digenea*.

DIGENEA Ben., 1858, see Braun, 1883, 38, 58; 1890a, 473, 486; 1892a, 567, 574, 601, 775; 1893a, 888, 891, 895, 898; 1895, 136.—Carus, 1863, 478.—Gamb., 1896a, 73.—Hahn & Lefèvre, 1884, 804.—Hoyle, 1890, 539 (includes *Monostomidæ*, *Distomidæ*, *Gasterostomidæ*, *Holostomidæ*).—Kholodk., 1899a, 149.—Knoch, 1894a, 11.—Kofoid, 1899, 183.—Looss, 1899, 543.—Odhn., 1902, 42, 43; 1905, 293–295.—Pratt, 1900a, 645, 646.—Stiles, 1898a, 27.—Ward, 1903, 865.

1893: *Digena* Olss., 1893, for *Digenea*.

DIGENEA s. strict. Leuck., see Looss, 1899b, 543.—Luehe, 1901, 488.

DIHEMISTEPHANUS Looss, 1901, 605–606, 628–629 (m. *lydiæ*).—Pratt, 1902a, 888, 894 (key).

lydiæ (Stoss., 1896) Looss, 1901, 605–606, 628–629.

DIKLIBOTHRUM Leuck. in Kollar, 1836, 81.—Nord., 1840, 600, for *Diclybothrium*.
crassicaudatum Leuck. in Kollar, 1836, 81.—Nord., 1840, 600 (syn. of *Hexacotyle elegans*).

DIONCHUS Goto, 1899a, 286 (m. *agassizi*), 291; 1901, 351–352.—Mont., 1903, 336 (*Anisocotylinae*, subf.); 1905, 70.—Pratt, 1900a, 646, 650 (key), 655, 659, fig. 18.

agassizi Goto, 1899a, 286–291, pl. 21, figs. 19–24 (in *Remora brachyptera*; Newport, R. I.).—Pratt, 1900a, 655, 657, fig. 18, 659 (key).

agassizii Mont., 1905, 69, for *agassizi*.

DIOSTOMUM Duffek, 1903, 843 (misprint for *Distomum*).

DIPHTEROSTOMINÆ Stoss., 1904, 198.

DIPHTEROSTOMUM Stoss., 1904; 197–198 (tod. *brusinai*=*brusinæ*).

1905: *Diphtherostomum* Staff., 1905, Apr. 11, 684.

brusinæ (Stoss., 1889) Staff., 1905, Apr. 11, 684.

brusinai (Looss, 1901) Stoss., 1904, 197–198.

luteum (Ben., 1870) Stoss., 1904, 197 [name not available].—Staff., 1905, Apr. 11 (syn. *D. betencourti* Mont.).

DIPHTEROSTOMUM Staff., 1905, Apr. 11, 684, for *Diphtherostomum*.

DIPLECTANINÆ Mont., 1903, 336 (f. *Gyrodactylidæ*); 1905, 80.

DIPLECTANUM Dies., 1858e, 315, 381–382 (*æquans* [probably type], *pedatum*).—Ben. & Hesse, 1864, 121, 122.—Braun, 1883, 48; 1890a, 412, 416, 452, 465, 469, 478, 479, 512, 517, 523, 542, 546; 1893a, 890.—Gamb., 1896a, 73.—Hoyle, 1890, 539.—Maclaren, 1904b, 574, 582, 583, 584, 589, 590, 595, 596, 597, 598, 599, 600, 601.—Mont., 1888a, 10, 14, 16, 66, 84, 86, 102; 1891, 111; 1892, Oct. 7, 213 (g. of *Gyrodactylinae*); 1903, 336 (subf. *Diplectaninae*); 1905,

DIPLECTANUM—Continued.

80.—Pratt, 1900a, 646, 654 (key), 657, fig. 45.—St.-Remy, 1898, 568.—Stoss., 1898, 18.—Tasch., 1879, 69; 1879, 264 (syn. *Dactylogyrus* Wagener).

acquans Sons., 1891, 263 (for *æquans*).

aculeatum Par. & Perugia, 1889, 745 (in *Corvina nigra*; Genova); 1890, 745; 1890, 4, 9.—Braun, 1890a, 417, 546, 549, 550.—Maclaren, 1904b, 576–577, 593, 601.—Par., 1894.

æquans (Wagener, 1857) Dies., 1858e, 381 (in *Labrax lupus*).—Ben. & Hesse, 1864, 121, 122–123, pl. 13, figs. 9–22 (in *Lab. lup.*).—Braun, 1890a, 408, 409, 417, 468, 479, 489, 514, 546, 549, 551; 1891d, 422.—Kerbert, 1881a, 572.—Maclaren, 1904b, 573, 574–602, pl. 20, figs. 1–12, pl. 21, figs. 13–16, 18, 20, 22, text figs. A. C. 1–5; 1904, 9 June, 443–444; 1905, 31 Jan., 20–21; 1905, June, 317; 1905, Dec., 703.—Mont., 1888a, 7, 8, 10, 13, 14.—Par. & Perugia, 1890, 4, 9, 11.—St.-Remy, 1898, 568.—Scott, 1905, 117, pl. 6, fig. 24 (in *Lab. lup.*).—Sons., 1890, 173–174 (in *Umbrina cirrosa*); 1891, 263 (*acquans*), 264 (in *Umb. cirr-rhosa*).—Stoss., 1885, 162; 1898, 18.—Tasch., 1879, 59; 1879, 264 (in *Lab. lup.*).

echeneis (Wagener, 1857) Par. & Perugia, 1889, 746 (in *Sargus rondeletii*; Genova); 1890, 746; 1890, 4, 9; 1895, 1.—Braun, 1890a, 417, 546, 549, 552.—Maclaren, 1904b, 576, 577–578, 601.—Par., 1894, 594.—Stoss., 1898, 18.—Also reported for *Chrysophrys aurata*.

pedatum (Wagener, 1857) Dies., 1858e, 382 (in *Julis* sp. ad branchias).—Braun, 1890a, 546, 549, 551.—Maclaren, 1904b, 574, 575, 601.—Par. & Perugia, 1890, 9.—Tasch., 1879, 264 (in *Julis* sp.).

sciænæ Ben. & Hesse, 1863; 1864, 123–124, pl. 13, figs. 23–31 (in *Sciæna aquila*).—Braun, 1890a, 417, 546, 549, 552.—Maclaren, 1904b, 575, 601.—Mont., 1888a, 7, 4.—Pratt, 1900a, 657, fig. 45.—Sons., 1891, 263–264 (in *Sci. umbra*).—Tasch., 1879, 264 (in *Sci. aq.*).

sciænæ Ben. & Hesse, 1864, 123, misprint.

DIPLOBOTHRINÆ Mont., 1903, 336 (f. *Hexacotylidæ*); 1905, 78.

DIPLOBOTHRUM Leuck., 1842, 13 *Diclibothrium* renamed, hence (type by inclusion *armatum*) [not *Diplobothrium* Beneden, 1889, cestode].—Braun, 1889a, 338 (= *Diclibothrium*); 1890a, 413, 415, 511, 516, 517, 518, 523, 538, 539, 546; 1893a, 890.—Dies., 1850a, 421 (syn. of *Diclibothrium*).—Hoyle, 1890, 539 (“one species from the gills of a sturgeon”).—Mont., 1888a, 8, 11, 13, 89, 100; 1892, Oct. 7, 213 (g. of *Polystomina*); 1903, 336 (subf. *Diplobothrina*); 1905, 77, 78.—Pratt, 1900a, 646, 651 (key), 656, fig. 25.—Tasch., 1879, 69; 1879, 254 (syns. *Diclibothrium* Leuck., *Hexacotyle* Nord., *Polyst.* Duj.).

[*affine* Lœnnberg, 1892, cestode.]

armatum (Leuck., 1835) Leuck., 1842, 13–18, pl. 1, figs. 6a–f.—Braun, 1890a, 414, 419, 539, 548, 550.—Dies., 1850a, 421 (to *Diclibothrium*).—Pratt, 1900a, 656, 657, fig. 25.—Staff., 1904, 3 May, 488 (on gills of *Accipenser rubicundus*; Canada).—Tasch., 1879, 254–255 (syns. *Diclibothrium crassicaudatum* Leuck., *D. armatum* Leuck., *Hexacotyle elegans* Nord., *Polyst. armatum* Duj.).—Reported also for *Accipenser stellatus*.

[*simile* Ben., 1889, cestode.]

DIPLOCOTYLE Dies., 1850a, 286, 301 (m. *mutabile*); syn. *Diplodiscus* [not *Diplocotyle* Krabbe, 1874, cestode]; 1855a, 378, 381, 393, 394; 1858d, 272.—Ariola, 1901, 412.—Burm., 1856a, 250.—Fil., 1854a, 6.—Goldb., 1855, 16.—Moul., 1856a, 121, 123.

[*cohærens* Linst., 1903, cestode.]

mutabile Dies., 1850a, 301 (in *Planorbis nitidus*; Ticini) (*Diplodiscus diesingi* Fil., renamed); 1855a, 394; 1858d, 241, 242, 272–273 (*mutabilis*) (syns. *Diplodiscus diesingii*, Cerc. *diplocotylea* Pag.) (larva of *Diplodiscus subclavatus*) (in *Planorbis marginatus*, P. *nitidus*, P. *vortex*; Heidelberg, Ticini, Moncalier).—Ben., 1858a, 1861a, 82 (syn. of *Amphist. subclavatus*).—Linst., 1873, 1 (larva of *Diplodiscus subclavatus* Dies.) (*mutabilis*).—Moul., 1856a, 107 (= *Diplodiscus diesingii*), 208 (syn. of Cerc. *amphistomi subclavati*).

mutabilis Dies., 1855a, 394 (for *mutabile*).

[*olrikii* Krabbe, 1874b, 22, cestode.]

[*rudolphii* (Mont., 1890) Mont., 1890, cestode.]

[*serrata* Linst., 1901, cestode.]

DIPLODISCINÆ Cohn, 1904, 242.

DIPLODISCUS Dies., 1836d, 237, 238, 253–255 [type *subclavatus*]; 1850a, 287, 301 (of Fil., syn. of *Diplocotyle*), 318–319 (syns. *Planaria*, *Fasc.*, *Dist.*, *Hirudo*, *Amphist.*); 1855a, 380, 384, 393 (cf. *Diplocotyle*); 1858e, 312, 359; 1859c, 435–436 (mentions only *subclavatus*, but reference is not necessarily designation of type).—Brand., 1888a, 12.—Braun, 1892a, 613, 650, 663, 664, 665, 698, 712, 715, 814; 1893a, 817, 820, 823, 827, 872, 884, 886, 890, 894, 895, 904, 906, 918; 1895, 136.—Cobbold, 1872b, 91 (subg. of *Amphist.*).—Cohn, 1904, 242.—Crep., 1839a, 286.—Fil., 1837a, 334 (mentions only *diesingi*); 1855b, 24.—Fischder., 1902a, 6; 1903h, 487, 489.—Gamb., 1896a, 73.—Goldb., 1855a, 17.—Looss, 1902m, 440, 442.—Mont., 1888a, 7, 12, 35, 84, 91, 103; 1892, Oct. 7, 214 (g. of *Amphistominae*).—Moul., 1856a, 16, 121.—Nord., 1840, 629.—Piana & Stazzi, 1900, 523.—Poir., 1883, 79.—Pratt, 1902a, 887, 893 (key).—Schneidemuehl, 1896, 295 (*Diplodiskus*).—Sieb., 1854, 19, 20.—Sons., 1895, 185, 186.—Wagener, 1857, 27, 39, 45, pl. 16, fig. 4, pl. 17, fig. 2, pl. 18, figs. 1–4, pl. 19, figs. 1–4.

1850: *Diplocotyle* Dies., 1850a, 286, 301 (m. *mutabile* = *subclavatum*) [not Krabbe, 1874, *cestode*].

1896: *Diplodiskus* Schneidemuehl, 1896, 295 (for *Diplodiscus*).

conicum Polonio, 1859; 1860, see Par., 1894, 140 (in *Natrix torquata*; Padova). [See also *Dist. conicum* Polonio.]

diesingi Fil., 1837a, 334–336, figs. 1–5, 337 (in *Planorbis nitidus*; Ticino).—Dies., 1850a, 301 (syn. of *Diplocotyle mutabile*; type of *Diplocotyle*).

diesingii Fil., 1854a, 6, pl. 1, figs. 1–4 [type of *Diplocotyle*] (in *Planorbis nitidus*) for *diesingi*; 1855b, 14, 20, 22, 23.—Ben., 1858a, 1861a, 81, 82 (syn. of *Amphist. subclavatum*).—Dies., 1855a, 394 (syn. of *Diplocotyle mutabilis*); 1858d, 272 (syn. of *Diplocotyle mut.*).—Levin., 1881a, 63.—Moul., 1856a, 95 (to *Cerc.*) (syn. *Redia gracilis* Fil.), 106, 107, 208, 209 (syn. of *Cerc. amphistomi subclavati*).—Villot, 1878, 36 (syn. of *Cerc. diplocotylea* Dies.).

mutabilis (Dies., 1850) Par., 1894, 140 to (*Diplocotyle*) (in *Planorbis nitidus*; Pavia).

subclavatus (Pallas, 1760) Dies., 1836d, 238, 240, 253–254, pl. 24, figs. 19–24 (in *Hyla arborea*, *Rana temporaria*, *R. esculenta*, *Bufo cinereus*, *B. igneus*, *Leptodactylus sibilatrix*); 1850a, 318–319 (includes *Hirudo tuba* Braun); 1858e, 359–360 (in *Dendrohyas viridis*, *Pelophylax esculentus*, *Rana temporaria*, *R. pipiens*, *Phryne vulgaris*, *Bufo viridis*, *Bombinator igneus*, *Leptodactylus sibilatrix*, *Lissotriton punctatus*); 1859c, 435–436 (includes *Amphist. subclavatum* Ben., 1858, 81, *Cerc. amphistomi subclavati* Ben., 1858, 82, in *Cyclas cornea*, etc.).—Ben., 1858a, 1861a, 82 (to *Amphist.*).—Bettend., 1897a, 4, 37 (of Goeze); 1897, 308.—Blochmann & Bettend., 1895a, 217, fig. 3.—Braun, 1892a, 598, 613, 620, 641, 650, 693, 698, 711, 759, 760, 766, 768, 776, 779, 783, 785, 798, 804, 806, 807, 809, 812, 813, 814; 1893a, 817, 818, 823, 824, 828, 830, 831, 906.—Cobbold, 1872b, 92; 1879, 51.—Cohn, 1903, 39; 1904, 240, 241, 242.—Crep., 1839a, 286, 287.—Darr, 1902, 679.—Fil., 1837a, 338 (to *Amphist.*); 1854; 1855.—Fischder., 1903h, 488.—Gamb., 1896a, 71.—Giebel, 1857, 266.—Kowal., 1894, 2.—Lang, 1892a, 81 (to *Amphist.*).—Linst., 1873, 1 (larva = *Diplocotyle mutabilis* Dies.); 1877, 13–14.—MacCallum, 1905, 669.—Mol., 1859, 27.—Mueh., 1898, 20.—Nord., 1840, 627 (to *Amphist.*), 629.—Par., 1894, 140 to (*Amphist.*) (in *Rana esculenta*; Padova).—Polonio, 1859.—Sieb., 1837, 263.—Sons., 1895, 180, 185.—Ssinitzin, 1905, 157–158; 1906, 685.—Stoss., 1890, 51.—Wagener, 1857, 26, 100, pl. 16, fig. 4, pl. 17, fig. 1.

subclavatus Dies., of Leidy, 1856b, 45 (in *Rana pipiens*); 1904a, 88.—Staff., 1905, 689–690 (syn. of *Diplodiscus temperatus* n. sp.).

temperatus Staff., 1905, 689 (in *Rana catesbiana*, *R. virescens*; Canada), includes *subclavatus* Dies. of Leidy, 1856.

unguiculatus (Rud., 1819) Dies., 1836d, 238, 254–255, pl. 24, figs. 25–27 (in *Salamandra palustris*); 1850a, 319.—Baird, 1853a, 44 (= *Amphist. subclavatum* Rud.).—Braun, 1892a, 613.—Crep., 1839, 287.—Fischder., 1903h, 488.—Nord., 1840, 629 (in *Triton lacustris*).

DIPLODISKUS Schneidemuehl, 1896, 295, for *Diplodiscus*.

DIPLOOZON Mont., 1888a, 64, for *Diplozoon*.

DIPLOOZOON Mont., 1888a, 64, for *Diplozoon*.

DIPLOSTOMA Cobbold, 1860a, 49, for *Diplostomum*.

DIPLOSTOMATUM Olss., 1893, 8, see *Diplostoma*.

DIPLOSTOMEA Olss., 1893, 8, f. name for *Diplostomea*.

- DIPLOSTOMEÆ Mont., 1888a, 6, 7, 11, 12, 14, 15, 18, 26, 28, 33, 34, 41, 46, 47, 51, 52, 53, 54, 56, 57, 60, 64, 67, 90, 91, 92, 94, 102, 103, 108; 1891, 110.—Brand., 1888a, 49; 1890a, 576, 580.—Braun, 1893a, 886, 887.
- DIPLOSTOMIDÆ Poir., 1886, v. 4 (3), 327–346, pls. 18–20; (1887) v. 1 (14), 425–426.—Brand., 1888a, 17, 49, 53; 1890a, 575.—Braun, 1893a, 886, 887.—Mont., 1888a, 10, 15, 22, 53, 91, 103.
- DIPLOSTOMINÆ Brand.—Braun, 1893a, 890, 895, 901.—Mont., 1892, Oct. 7, 214 (subf. of Holostomidæ).—Pratt, 1902a, 890, 908 (key) (includes Diplost., Polycotyle).
- DIPLOSTOMULUM Brand., 1892b, 511, as collective group, not as genus, hence no type.
constrictum (Dies., 1850) Brand., 1892b, 511.
- DIPLOSTOMUM Nord., 1832a, 27–28, 34, 39, 47, 69 (type of first group Dip. volvens; type of second group Dip. clavatum; type by elimination and page precedence volvens) [not Diplostoma Rafinesque 1817, mammal]; 1840, 561, 602, 617, 629–630.—Brand., 1888a, 11, 12, 17, 18, 49, 50 (proposed as new genus; not of Nord.), 52, 54–58; 1890a, 575, 576, 578, 580.—Braun, 1883, 40, 56; 1890a, 515; 1892a, 600, 658, 715, 774, 792, 793, 794; 1893a, 872, 879, 881, 884, 886, 887, 890, 892, 895, 900, 901, 917; 1893b, 187; 1894, 166; 1895, 132, 136.—Burm., 1837a, 529; 1856a, 250.—Cobbold, 1860a, 49 (Diplostoma).—Crep., 1839a, 289.—Dies., 1850a, 287, 304 (syn. of Tylodelphys), 305–307; 1855, 60; 1858e, 312, 317–318 (volvens, cuticola, grande); 1859c, 424.—Duj., 1845a, 473–474.—Fischer, 1840a, 156.—Gamb., 1896a, 64, 73.—Goldb., 1855a, 17.—Heider, 1900, 21.—Henle, 1835a, 587.—Hoyle, 1890, 539.—Jackson, 1888, 652, 653, 654.—Leuck., 1863a, 475, 525.—Mol., 1858, 287; 1861, 191.—Mont., 1888a, 15, 54, 57, 61, 71 (Displost.), 83, 84, 91 (Diplostostomum), 104; 1892, Oct. 7, 214 (g. of Diplostominæ).—Moul., 1856, 12, 16 (probably young holostomes).—Pavesi, 1881, 615.—Poir., 1886, 327–346.—Pratt, 1902a, 890, 908 (key).—Schneidemuehl, 1896, 295.—Tasch., 1879, 233.—Villot, 1898, 541, 542.—Wyman, 1869, 42.—Wolf, 1903, 605.
- 1860: Diplostoma Cobbold, 1860a, 49–51, for Diplostomum.
- 1888: Diplostostomum Mont., 1888a, 91, misprint.
- 1888: Displostomum Mont., 1888a, 71, misprint.
- abbreviatum* Brand., 1888a, 55 (in Crocodilus sp.; Brazil); 1890a, 581–582, pl. 39, figs. 15–17 (in Croc. sp.; Brazil).—Braun, 1893a, 901.
- ægyptiaca* Cobbold, 1876t, 757.—Fischder., 1903h, 488.—Sons., 1895, 179.
- ægyptiacum* Cobbold, 1876t, 757 (in Equus; Egypt); 1877, 233, 235, 238.—Fischder., 1902a, 46 (syn. of Gastrodiscus polymastos Leuck.).—Lejtenyi, 1881a, 1.—Looss, 1896b, 13 (to Gastrodiscus).—Sons., 1895, 179.—Ward, 1895, 338 (in Equus caballus).—Zuern., 1882, 222.
- alatum* (Goeze, 1782) Par., 1894, 140 (as Dip. (Hemist.) alatum Dies.) (in Vulpes vulgaris, Padova; Canis familiaris, Torino).
- auriflavum* Mol., 1859, 287 (in Ardea nycticorax; Batavii); 1861, 191–192, pl. 1, figs. 1–2.—Braun, 1893a, 901.—Dies., 1859c, 424.
- bifurcatum* (Wedl, 1861) Brand., 1888a, 57–58 (in Crocodilus vulgaris; Egypt); 1890a, 584.—Braun, 1893a, 901.—Odh., 1902, 19.
- brevicaudatum* (Nord., 1832) Dies., 1850a, 306.—Braun, 1892a, 796.—Kroyer, 1852–53a, 1222 (in Barbus fluviatilis Ag.).—Villot, 1898, 542.
- clavatum* Nord., 1832a, 42–49, pl. 3, figs. 5–10, pl. 4, fig. 5 (in Perca cernua, P. fluviatilis, P. lucioperca); 1833, 286–295, pl. 18, fig. 4, pl. 19, fig. 2; 1840, 630.—Braun, 1892a, 654, 794.—Claparède, —, 198, pl. 8, figs. 1–3.—Crep., 1839a, 289.—Dies., 1850a, 305 (to Tylodelphys); 1858e, 316 (to Tylodelphys).—Duj., 1845a, 475.—Gescheidt, —, 428.—Henle, 1833a, 22.—Kroyer, 1838–40a, 21; 1846–53a, 253 (in Perca fluviatilis, Esox lucius).—Moul., 1856a, 220–221 (in eyes of perch by Nord.; Esox lucius Duj.; P. fluviatilis Moul.; Lake Leman).—Olss., 1893, 8.—Steenstrup, 1842, 58.
- cobitidis* Linst., 1890d, 179 (in Cobitis barbatula).—Braun, 1891d, 424 (in Cob. barb.).
- cranarium* (Dies., 1858) Cobbold, 1860, 49–50 (includes Trematodum sp. Leydig) (in Cobitis fossilis).
- cuticola* (Nord., 1832) Dies., 1850a, 306; 1858e, 317–318 (to Holost.) (in Pomotis vulgaris; Phila.; Leuciscus dobula, L. rutilus; Anglia; Gobio vulgaris, Phoxinus lævis).—Braun, 1892a, 796.—Koch, 1904, 795.—Kroyer, 1838–40a,

DIPLOSTOMUM—Continued.

- 578 (in *Perca fluviatilis* L.).—Lint., 1898, 513, pl. 41, figs. 6-10, pl. 42, figs. 1-5.—Staff., 1904, May 3, 494 (encysted in liver of *Ambloplites rupestris*; Canada).—Villot, 1897; 1898, 541, 542 (larva of *Hemist. denticulatum*) (in *Phoxinus laevis*).—Wellner, 1899, 51-53, 2 figs. (in Weissfisch).—Also reported for *Abramis brama*, *A. vimba*, *Blicca björkna*, *Gobitis tænia*, *Chænobrythus gulosus*, *Chondrostoma nasus*, *Cyprinus carpio*, *Eupomotis auratus*, *E. pallidus*, *Gobio fluviatilis*, *Idus melanotus*, *Lepomis auritus*, *Leuciscus erythrophthalmus*, *L. idus*, *L. vulgaris*, *Scardinius erythrophthalmus*.
- [*fusca*=*Geomys bursarius*, mammal].—Stiles, 1896, 183.
- grande* Dies., 1850a, 305, 307 (in *Ardea leuce*, *A. agami*; Matogrosso, Brazil); 1855, 60, pl. 1, figs. 1-12; 1858e, 318; 1859c, 424 (in *Strix nivea*).—Brand., 1888a, 12, 18, 26, 50, 54-55 (syn. *Hemist. macropterum*) (in *Ardea leuce*; Brazil); 1890a, 554, 576, 581, pl. 39, fig. 14 (in *Ardea leuce*; Brazil).—Braun, 1892a, 582; 1893a, 901.—Leidy, 1859, 110.—Mont., 1888a, 12.—Poir., 1886, 328.
- lenticola* Linst., 1878, 226-227, fig. 9 (in *Abramis vimba*).—Braun, 1892a, 796.—Poir., 1886, 336 (in *Ab. vim.*).
- longe* Braun, 1892a, 581, see *longum*.
- longum* Brand., 1888a, 25, 55, 57, 61 (in *Crocodylus*; Brazil); 1890a, 553, 582, 584, pl. 39, figs. 1-9 (in *Croc.* by Natterer; Brazil).—Braun, 1892a, 569, 582, 586, 672; 1893a, 901.
- macrostomum* Jægers., 1900a, Jan. 6, 33-37, figs. 1-5 (in *Telmatias major*; ?Upsala).
- mülleri* Cobbold, 1860a, 50 (includes *D. petromyzi fluviatilis* Mueller, *D. rachiseum* Mueller?, *Tylodelphys* Dies. Revis., p. 12) (in *Petromyzon fluviatilis*).
- musculicola* (Waldenburg, 1860) Braun, 1892a, 796.
- mutabile* (Dies., 1850) Par., 1896, 2, to (*Codonoccephalus*) (in *Rana esculenta*; Italy).
- parvulum* Staff., 1904, 494 (in *Semotilus bullaris*; Canada).
- petromyzi fluviatilis* Dies., 1850a, 307, based on Mueller, 1840, 30 (in *Petromyzon fluviatilis*); 1858e, 318 (to *Tylodelphys*).
- pseudostomum* (Will.-Suhm, 1870) Poir., 1886, 334-339, 345, pl. 18, figs. 3-4, 5, 6, pl. 19, figs. 2, 4.—Brand., 1888a, 34, 50, 55-56 (in *Crocodylus*; Brazil); 1890a, 563, 576, 582-583, pl. 39, figs. 10, 11 (in *Croc. sp.*).—Braun, 1892a, 593; 1893a, 901.
- putorii* Linst., 1877, 191, pl. 14, fig. 21 (in *Fœtorius putorius*).—Brand., 1888a, 42; 1890a, 572.—Braun, 1894a, 796.
- rachiseum* Crep., 1839, 289.—Mueller, 1839, 198.
- rachidis* Par., 1896, 2, for *rhachiseum* to (*Tylodelphis*).
- rachium* Fraip., 1880c, 419, for *rhachiseum*.
- rachineum* Mueller, (1842).
- rhachiseum* Henle, 1833a, 19-22, pl. 1, figs. 18-22 (in *Rana*).—Brand., 1888a, 15.—Braun, 1892a, 654 (*rachiseum*), 795.—Claparède, —, 198, pl. 8 (*rachiseum*).—Crep., 1839, 289 (*rachiseum*).—Dies., 1850a, 305 (syn. of *Tylodelphys rhachidis*); 1858e, 316 (*rachiseum*), (syn. of *Tylodelphys rachidis*).—Duj., 1845a, 475 (*rachiseum*).—Fraip., 1880c, 419 (*rachiseum*); 1881b, 7 (*rachiseum*).—Hofman, 1899, 184 (*rachiseum*).—Jackson, 1888, 645 (excretory system).—Kueh., 1855, 187 (*rachiseum*).—Leidy, —, 383.—Leuck., 1863a, 526 (*rachiseum*).—Mont., 1888a, 41 (*rachiseum*).—Moul., 1856a, 221 (*rachiseum*).—Mueller, 1839, 198 (*rachiseum*); 1842, — (*rachineum*) (in *Petromyzon fluviatilis*).—Par., 1896.
- siamense* Poir., 1886, 327-333, 336, 340, 345, pl. 18, figs. 1, 2, pl. 19, fig. 7, pl. 20, figs. 1-4 (in *Crocodylus siamensis*).—Brand., 1888a, 26, 34, 50, 56-57 (in *Croc. si.*); 1890a, 554, 563, 576, 583.—Braun, 1892a, 717; 1893a, 901.—Mont., 1888a, 12.
- spataceum* Stoss., 1896, 126 (for *spathaceum*).
- spathaceum* (Rud., 1819) Olss., 1876, 29-30.—Braun, 1893a, 901.—Stoss., 1896, 126 (*spataceum*); 1898, 20 (to *Conchosomum*).
- spathula* Brand., 1888a, 54 (syn. *Hemist. spathula*) (in *Falco palumbarius*; Wien. Museum); 1890a, 580, pl. 39, fig. 13.—Braun, 1892a, 582; 1893a, 901.—Also reported for *Astur palumbarius*.

DIPLOSTOMUM—Continued.

spathulæforme Brand., 1888a, 44, 54 (in *Strix otus*); 1890a, 574, 580–581, pl. 39, fig. 12 (in *Otus vulgaris*).—Braun, 1892a, 582; 1893a, 844, 845, 901; 1894, 166.—Wolffhugel, 1900, 9, 11, 12, 14.—Also reported for *Accipiter nisus*, *Ægolius otus*, *Buteo vulgaris*, *Sarcorhamphus gryphus*.

sp. Kroyer, 1852–53a, 1051 (in *Petromyzon fluviatilis* L.).

sp. Lint., 1901, 415, 442, 471.

volvens Nord., 1832a, 28–41, 43, pl. 1, fig. 3, pl. 2, figs. 1–10, pl. 3, figs. 1–4, 9, pl. 4, fig. 6 (in *Cyprinus erythrophthalmus*, *Gadus lota*, *Perca cernua*, *P. fluviatilis*, *P. lucioperca*); 1833, 270–286, pls. 18, 19, figs. 1–3 (pl. 19, fig. 1, gives *Dist. volvens*, probably lapsus); 1840, 630.—Aubert, 1853, 90.—Brand., 1888a, 12; 1890a, 569.—Braun, 1892a, 636, 637, 648, 653, 654, 794–796; 1894, 166, 167; 1894k, 681 (larva of Hemist. spathaceum).—Brown, A. W., 1899d, 490, 493, 494.—Claparède, —, 100, pls. 4, 5.—Cobbold, 1858b, 159.—Crep., 1839a, 289; 1846, 150, 153.—Dies., 1850a, 306; 1858e, 317.—Duj., 1845a, 474–475.—Fraip., 1880a, 400; 1880c, 419, 420, 429–433, 441, 442, 443, pl. 18, figs. 18–21 (in *Leuciscus rutilus*, *Chondrostoma nasus*); 1881b, 1, 7; 1883a, 36.—Gamb., 1896a, 64, fig. 31 (as Dip. (*Tetracotyle*) *volvens*).—Gescheidt, 1833, v. 3, 426–428.—Henle, 1883a, 22.—Jackson, 1888, 645 (excretory system).—Kroyer, 1838–40a, 21, 579, 609; 1852–53a, 1224 (in *Leuciscus rutilus* L., *L. erythrophthalmus*, *Lota vulgaris*, *Perca fluviatilis* L., *Acerina cernua* L.).—Looss, 1885b, 20.—Mont., 1888a, 41, 42, 43, 45, 46.—Moul., 1856a, 220 (in eye of *Perca fluviatilis*, *P. cernua*, *P. lucioperca*, *Gadus lota*, *Cyprinus erythrophthalmus*).—Mueh., 1898, 16.—Olss., 1893, 9 (in *Leuciscus phoxinus*).—Steenstrup, 1842, 58.—Villot, 1898, 542 (larva of Hemist. spathaceum).—Also reported for *Acerina cernua*, *A. vulgaris*, *Lota communis*, *Lucioperca sandra*.

DIPLOSTOMUM Brand., 1888a, 50, 54–58, proposed as new genus [no type given], [not Nord., 1832], for abbreviatum, bifurcatum, grande, longum, pseudostomum, siamense, spathula, spathulæforme see under foregoing entry; 1890a.—The generic name *Diplostomum* Brand. falls as a homonym.

DIPLOSTOSTOMUM Mont., 1888a, 91 for *Diplostomum*.

DIPLOOZON Mont., 1888a, 64 (for *Diplozoon*).

DIPLOOZOON Mont., 1888a, 64 (for *Diplozoon*).

DIPLOZOON Nord., 1832a, 56–76 (m. paradoxum); 1840, 599.—Beard, 1905, v. 93, 383, 2 figs.—Ben., 1858a, 1861a, 11, 38, 168, 172, [200], 345; 1868, 28.—Ben. & Hesse, 1864, 61, 64, 96.—Brand., 1891b, 266; 1894a, 308.—Braun, 1889k, 620, 621; 1890b, 125, 127, 128; 1891d, 422; 1890a, 413, 414, 442, 451, 461, 468, 472, 475, 477, 480, 481, 482, 485, 491, 492, 493, 494, 495, 498, 500, 506, 507, 511, 514, 515, 516, 517, 518, 520, 522, 523, 533, 534, 535, 546; 1893a, 890; 1895, 125; 1899, 3.—Burm., 1837a, 530; 1856a, 251.—Carus, 1833, 477.—Cerf., 1895h, 918, 920; 1896, 514, 515; 1899a, 451.—Chatin, 1880f, 591–592; 1881a, 310–312; 1887d, 1005.—Crep., 1838, 84; 1839a, 292.—Dies., 1850a, 90, 422–423, 425; 1858e, 269–272, 315 (in subf. *Placoclectana*), 387.—Duj., 1845a, 315.—Gamb., 1896a, 55, 57, 61, 73.—Goldb., 1855a, 19.—Goto, 1891a, 167, 168, 169, 170, 176, 177, 178, 181, 183, 186, 187; 1891c, 103; 1893a, 800.—Haswell, 1892b, 149; 1893e, 114.—Hoyle, 1890, 539.—Ijima, 1884, 637, 638.—Jackson, 1888, 649 (= *Diporpa*), 653.—Juel, 1889, 33.—Kath., 1894a, 148, 155.—Leuck., 1863a, 48; 1879, 58, 62.—Leuck., 1886d, 45, 48.—Looss, 1892a, 72–73; 1893b, 810.—Mayer, 1841a, 34.—Mont., 1888a, 11, 15, 37, 49, 51, 52, 53, 55, 57, 58, 59, 60, 61, 63, 64 (*Diploozon*, *Diploozoon*), 65, 66, 70, 83, 84, 86, 89, 98, 99; 1892, Oct. 7, 186, 213 (in *Octocotylinæ*); 1893, 111; 1903, 336 (subf. *Octobohtrina*).—Moul., 1856a, 10.—Pintner, 1891, 728.—Pratt, 1900a, 646, 651 (key), 656, fig. 31.—Tasch., 1879, 35, 69; 1879, 232, 233, 238, 249 (syn. *Diporpa* Duj.).—Wallenstedt, 1847, 7.

1835: *Diplozoum* Burm., 1835b, 187, for *Diplozoon*.

1888: *Diploozoon* Mont., 1888a, 64, for *Diplozoon*.

1888: *Diploozon* Mont., 1888a, 64, misprint.

1900: *Diplozoön* Pratt, 1900a, 646, 651.

nipponicum Goto, 1891a, 151–192, pls. 21–23 (in *Carassius vulgaris*); 1891b, 472–473.—Braun, 1891d, 422.—Mont., 1893, 8, 111.

paradoxum Nord., 1832a, 56–57, pl. 5, figs. 1–5, pl. 6, figs. 1–2 (in *Cyprinus brama*); 1833, 373–396, pl. 20, figs. 1–4; 1840, 547, 597, 599.—Ben., 1858a, 1861a, 39–44, 53, 66, 99, 169, 176, 186, pl. 4, figs. 1–12.—Braun, 1883, 45, 51, 57, 71; 1890a, 409, 415, 420, 428, 438, 439, 445, 451, 452, 455, 456, 457, 465, 472, 479, 483, 489,

DIPLOZOON—Continued.

492, 499, 506, 512, 535, 548, 550, 551; 1891a, 52, 53.—Burm., 1837a, 530.—Cobbold, 1872b, 90.—Crep., 1838, 89 (in *Cyprinus balerus*, *C. brama*, *C. jesus*, *C. rutilus*, *C. vimba*; on gills), 164; 1839a, 292.—Dies., 1850a, 423; 1858e, 282, 387 (in *Carassius gibelio*; *Rhodeus amarus*); 1859c, 444.—Duj., 1845a, 316.—Ehrenb., 1835, 128.—Fraip., 1880a, 400 (*paraodoxum*); 1880c, 416, 418, 433; 1883a, 36.—Gamb., 1896a, 59–61, figs. 27, 28.—Gosse, 1857a, 125.—Goto, 1891a, 151, 175, 185.—Hausmann, 1897b, 4, 7, 20, 22, 36–38 (in *Abramis brama*, *Cottus gobio*, *Gobio fluviatilis*, *Phoxinus laevis*).—Heller, 1857a, 109–110, 5 figs.—Hoyle, 1890, 539, fig. 3, A.—Ijima, 1884c, 637.—Jackson, 1888, 650.—Jacoby, 1900, 3.—Kerbert, 1881a, 556.—Kholodk., 1899a, 148, fig. 176.—Kollar, 1835, 81; —, 82.—Kroyer, 1846–53a, 388, 410, 419, 434, 446, 462; 1852–53a, 1223, 1224 (in *Abramis balerus*, *A. blicca*, *A. brama*, *A. vimba*; *Leuciscus erythrophthalmus*, *L. idus*, *L. rutilus*).—Lamarck, —, 599.—Leuck., 1863a, 450.—Looss, 1885b, 18; 1892a, 81.—Mayer, 1841a, 23.—Mont., 1888a, 9, 38, 40, 52, 58, 70; 1890, 421; 1892, Oct. 7, 186; 1893, 110, 111.—Mueh., 1898, 12, 18.—Olss., 1893, 6.—Par., 1896, 1.—Par. & Perugia, 1890, 7.—Paulson, 1862, 16 pp., 1 pl.; 1867, 1–24.—Pratt, 1900a, 656, 657, fig. 31.—Sieb., 1835, 58, 59; 1836, 105; 1836, 238; 1839, 163, 164; 1842, 459; 1850, 36–37; 1851, 10 Mar., 62–68 (conjugation); 1854, 52–58, 201–206.—Sons., 1897, 259.—Sramek, 1901, 95, 109, fig. 63 (in *Abramis brama* Cuv.).—Tasch., 1879, 249 (syn. *Diporpa dujardini* Dies.); 1879, 613.—Vogt, 1841, 33–36, pl. 2, figs. 10–12.—Wagener, 1857, 96, pls. 9–10.—Zeller, 1872, 3 May, 168–180, pl. 12, figs. 1–13 (development); 1872, Sept., 99–112; 1888, 23 Mar., 233–239, pl. 19 (genital organs); 1888, 427–428.—Also reported for *Blicca bjerkna*, *Carassius vulgaris*, *Chondrostoma nasus*, *Cyprinus blicca*, *C. cephalus*, *C. gobio*, *C. leuciscus*, *Gasterosteus aculeatus*, *Idus melanotus*, *Leuciscus cavedanous*, *L. prasinus*, *Lota vulgaris*, *Scardinius erythrophthalmus*.

DIPLOZOUM Burm., 1835b, 187, for *Diplozoon*.

DIPORPA Duj., 1845a, 316–317, pl. 3, fig. C (*m. dujardini* Dies., 1850).—Ben., 1858a, 1861a, 38, 199.—Ben. & Hesse, 1864, 61, 64.—E. Bl., 1847, 337–338.—Braun, 1883, 57; 1890a, 424, 442, 452, 506, 507, 518, 535.—Chatin, 1880f, 591–592; 1881a, 310–312.—Cunningham, 1887a, 279.—Dies., 1850a, 289, 420, 425; 1858c, 269–272; 1858e, 315, 386.—Gamb., 1896a, 61.—Goldb., 1855a, 19.—Heller, 1857a, 110.—Jackson, 1888, 649.—Looss, 1892, 81.—Kroyer, 1846–53a, 434 (in *Leuciscus erythrophthalmus*).—Mont., 1888a, 70, 83, 84, 89.—Tasch., 1879, 232, 249 (syn. *Diplozoon Nord.*).

dujardini Dies., 1850a, 420 (in *Cyprinus erythrophthalmus*) (based on Duj., 1845a, 316–317, pl. 3, fig. c); 1858c, 271; 1858e, 386 (in *Phoxinus laevis*).—Ehrenb., 1852, 28.—Olss., 1893, 6.—Sieb., 1850, 36–37; —, 62.—Tasch., 1879, 249 (syn. of *Diplozoon paradoxum Nord.*).—Also reported for *Abramis alburnus*.

DISCOCOTYLE Dies., 1850a, 290, 423–424 (only positive species, hence type *sagittata*), 425.—Goldb., 1855a, 19; Tasch., 1879, 239.

1858: *Placoplectanum* Dies., 1858e, 315, 384, *Discocotyle* renamed, hence type *sagittatum*.

1890: *Discotyle* Braun, 1890a, 518, misprint.

hirundinaceum (Bartel, 1834) Dies., 1850a, 424 (sp. inq., nomen nudum except for habitat, *Coregonus wartmanni*).

leptogaster (Leuck., 1830) Dies., 1850a, 424 (in *Chimera monstrosa*; *Christiania*).—Kroyer, 1852–53a, 812 (in *Ch. mon. L.*).—Tasch., 1879, 245 (to *Octobothrium*).

sagittata (Leuck., 1842) Dies., 1850a, 423–424 (in *Salmo fario*).—Kroyer, 1838–40a, 616 (in *Salmo fario*).—Tasch., 1879, 244 (to *Octobothrium*).

DISCOCOTYLEA Dies., 1850a, 419, 422 (supergeneric).

DISCOCOTYLEÆ Dies., 1850a, 288, 289, 290 (supergeneric).—Goldb., 1855a, 17, 19.

DISCOTYLE Braun, 1890a, 518, misprint for *Discocotyle*.

DISCOTYLEA Cerf., 1899a, 351.

DISPLOSTOMUM Mont., 1888a, 71 (for *Diplost.*).

DISSICHYA Cosmovici, 1887a, 129, 131 (includes *Amphist.*, *Bilharzia*, *Dist. Gasterost.*, *Hemist.*, *Holost.*).—Mont., 1888a, 84.

DISTOAM Cobbold, 1875n, misprint for *Distoma*.

DISTOMA Retzius (1782); 1790, 32 (*Fasciola* Linn., 1758, renamed, hence type *hepatica*) [not *Distoma* Savigny, 1816, mollusk; *Distomus* Gärtner 1774,

DISTOMA—Continued.

Ascidiae compositae; Distomus Steph., 1827, coleopteron; not Distoma Gærtner of Herdmann, 1890].—Abildg., 1790, 36 (syns: Fasc. hep. Linn., Fasc. Mueller, Planaria Goeze, Fasc. Bloch).—Adam, 1879, 159.—Aitken, 1872, 203, fig. 36a.—Albarran, 1897b, 1096.—Anacker, 1885e, 438; 1885d, 380, 381; 1887b, 350.—Andral, 1829d, 617.—Ariola, 1899a; 1899 (in 129-138); —, 299.—Ashley, 1856, 7, 8.—Audouin, 1824a, 563-564 (polyp).—Baillet, 1866b, 99.—Bellingham, 1844a, 422-423.—Ben., 1870c, 142.—Ben. & Hesse, 1864a, 61.—E. Bl., 1847a, 291-292.—R. Bl., 1888a, 543, 567, 570, 575, 577, 584, 585, 590, 593, 594, 595, 597, 598, 599, 601, 602, 603, 605, 614, 615, 622, 624, 625, 627, 628, 630, 631, 636, 641, 643, 644, 646, 647; 1891p, 609; [1892b], 1026-1030, figs. 1-7.—Bojanus, 1817, pl. 9.—Brand., 1888a, 9; 1892b, 506.—Braun, 1883a, 59, 70; 1890a, 473, 479, 514, 515; 1891d, 423; 1892a, 570, 599, 635, 696, 715, 720, 735, 767, 769, 770; 1893a, 825, 837, 853, 857, 872, 879, 880, 884, 885, 886, 887, 890, 893, 894, 895, 902, 908, 913, 918; 1893f, 382, 383, 388, 389; 1893g, 802; 1894i, 604; 1895b, 17, 134, 136, 138; 1900b, in 217-236, 1 pl.; 1900, 3; 1900g, 254; 1900h, 3, 6; 1901e, 323, 332, 333, 338, 339, 340, 342; 1902b, 41, 51, 52, 53, 79, 117.—Burm., 1837a, 529; 1856a, 250.—Bremser, 1824, 133-134.—Buttel-Reepen, 1900a, 585-598, figs. 1-9 (2 species); 1902a, 282-283.—Carus, 1835a, 90, 91, 93; 1863, 479.—Chiaje, 1833, 11.—Cobbald, 1879b, 15; 1883p, 401, fig. 16; 1883x, 514.—Cohn, 1902h, 880.—Cosmovici, 1887a, 128.—Crep., 1837a, 309-329; 1839a, 288.—Daldorf, 1793, 159 (syn. of Fasc. hep.).—Davaine, 1877a, lxxiv.—Delafield & Prudden, 1897a, 130.—Dies., 1850a, 288, 293 (of Baer syn. of Rhopalocerca), 295 (of Fil. and Steenstrup syn. of Cerc.), 301 (of Baer syn. of Heterost. Fil.), 307 (of Rud. syn. of Hemist. Dies.), 318 (of Zed. syn. of ? Diplodiscus Dies.), 319 (of Zed. syn. of Monost. Zed.), 329 (of Ammon, syn. of Monost. lentis Nord.), 331-339 (syns. Fasc. Linn., Planaria Auct., Schisturus Rud., Alaria Blainv., Brachylemus E. Bl., Apolema E. Bl.), 400 (of Bojanus syn. of Amphist. Rud. ex parte; of Rud. syn. of Rhopalophorus Dies.), 418 (of Henle syn. of Heptast. Otto Schomburgk), 573 (of Zed. syn. of Tetrabothriorhynchus Dies.), 609 (of Humboldt syn. of Pentast. Rud.); 1855a, 377, 380, 383 (of Fil., Sieb., & Steenstrup, syn. of Cercariae), 384, 385, 396; 1858e, 312, 329 (syns. Fasc., Plan., Dist., Schisturus, Alaria, Brachylemus, Apolema, Clinost.), 331.—Doyère, 1838a, 131-132; 1838b, 398-399.—Duj., 1845a, 381-388.—Dunglison, 1893a, 338, 710, 1174.—Eichwald, 1829a, 248.—Eiss, 1838a, 21.—Encyl. méthodique, Par., 1824, v. 2, 256-285.—Fabricius, 1794, 26; [1799a], 149.—Fil., 1837a, 337.—Fischer, 1840, 157.—Froriep, 1833, 428-432.—Gamb., 1896a, 73.—Goldb., [1855a], 17, 27.—Goto, 1891a, 158; 1893a, fig. 2.—Gunther, 1858, 205.—Gurlt, 1831, 370.—Hackley, (1886a), 518-519, figs. 880-885.—Hahn & Lefèvre, 1884a, 515-549; 1884, 806.—Hausmann, 1897b, 16.—Henle, 1835a, 597.—Herdmann, 1890, 617 (Distoma of Gærtner, 1890, 617, f. Distomidae of Ascidiae compositae).—Hoyle, 1890, 535, 539, 540.—Huber, 1896a, 574 (from *διστρομος*).—Jacoby, 1899c, 1-30, pls. 1-2, figs. 1-16; 1899d, 30 pp., 2 pls., figs. 1-16.—Jagers., 1901b, 979.—Joy, 1835a, 504.—Kajama & Nanba, 1892a, 32-36, 42-46 (Japan).—Kholodk., 1898a, 25, 26.—Knoch, 1862d, 19.—Kolenati, 1857, 11.—Kowal., 1895g, 1, 24 (41, 64); 1896g, 70, 71.—Kuech., 1855a, 182.—Lamoureux, 1824a, 559-563.—Leblond, 1836e; 1836f, 4.—Leidy, 1850a, 301-310, pl. 43, figs. 1-16 (2 species); 1884a, 47-48.—Leuck., 1863a, 451, 461, 524, 528-530; 1879, 136; 1886d, 7, 34, 35, 62, 67, 105, 117, 204, 715.—Linst., 1879a, 165-188.—Lint., 1901b, 408.—Looss, 1885a (2 species); 1885b, 56; 1892a, 126; 1893b, 816, 817, fig. 1; 1896b, in 1-252, 16 pls.; 1899b (divided into various genera), 533, 535, 536, 537, 538, 539, 540, 542, 543, 545, 546, 556, 658; 1901b, 191, 192, 193, 195, 196, 197, 200, 210; 1900d, 603; 1902m, 701, 719 (in ref. to Monost. prismaticum), 720, 732, 746, 750, 751, 752, 753, 756, 775, 795, 796, 812, 813 (as collective genus), 842, 865.—Meltzer, 1894a, 406-407, figs. 1-3; 1895a, 137.—Milner, 1858, 17.—de Miranda, (1903a), 137-139; 1904a, 280.—Miyake, 1894, 1-6, 1 pl.—Mlinarich, 1832, 13.—Moniez, 1896, 86, 89-90.—Mont., 1888 (thesis), 4, 7, 8, 9, 12, 22, 24, 31, 33, 38, 43, 50, 53, 54, 57, 64, 71, 83, 84, 89, 92, 104; 1889g, 132-134; 1889l, 612-613; 1892, 29; 1892, 687; 1892, Oct. 7, 189; 1893, 229, pl. 1; 1893, 427; 1894, Feb. 1, 16-21.—Moul., 1856a, 12, 15, 121.—Mueller, 1839, in 171-251, pls. 1-4.—Muller, 1850, 496.—Neumann, 1892, 345.—Nord., 1840, 544, 613, 614 (of Zed. syn. of Fasc.).—Odhn., 1902, 43.—Osborn, 1898, 301-310, figs. 1-4 (in Anodonta plana).—Perrier, 1903, 682.—Pontallié, 1853, 103-105 (2 species).—Pratt, 1900a, 645; 1902a, 889; 1902 (4 species).—Raf., 1815, 151 (of Zed. renamed Distomopsis).—Rail. & Marotel, 1898, 37.—Rathke, 1799, 69.—Rawitz, 1893, v. 1, 1694-1697.—Rentsch, 1860, 14.—Rud., 1809, 6, pl. 5, figs. 1-3, pl. 6, figs. 7-8, 21-22, 37-38, 352; 1819, 92, 362-363.—Schneidemuehl, 1896,

DISTOMA—Continued.

- 295, 296.—Schneider, 1866, 334.—Seely, 1906, Apr., 249–254, figs. 1–3 (2 species).—Setti, 1897, in 50 pp., 2 pls.; 1897, in 198–247, 2 pls.; —, 49.—Shaw, 1901, 263, 809.—Sieb., 1836, 232–240 (as genus); 1854, 20, 29.—Simon, 1897, 259 (Distomi).—Sluiter, 1898, 1–64, pls. 1–7.—Sommer, 1880, 195–202, figs. 3–10; 1895, 116–123, figs. 15–22.—Sons., 1889, 276.—Staff., 1900, in 399–414 (5 species).—Steenstrup [1859, 167–170].—Stiles, 1901, 163, 164, 165, 172, 174, 194, 196; 1905z, 14.—Stiles & Hass., 1898a, 87, 88, 89.—Stoss., 1892, 42 pp.; 1892, 4, 5, 7, 12; 1898, 31; 1899, in 1–6, 1 pl.; 1903, 193–201; 1905, Jan. 31, 23.—Stowell, 1879, Jan., 85–93, pl. 9.—Tasch., 1879, 232, 233.—Valentin, 1811, 6.—Verrill, 1870, 172, 219, 220.—Veterinarian, Lond., 1897, v. 70, Oct., 522 (in the heart).—Villot, 1870, 9–13 (adults).—Vogt, 1878, 9.—Wagner, 1883, 120–122.—Ward, 1896, in 257–272, figs. 1–10.—Weltner, 1896, 199–200, 3 figs. (in Wasserjungfern).—Wolf, 1903, 610.—Zed., 1800a, 161–164.—Ztschr. f. Fleisch. u. Milchhyg., 1906, Nov., 66.
- , anatomy of: Baer, 1828f, 197–198 (anus).—Chatin, 1882d, 200–202 (muscles).—Crety, 1892d, 21–26, figs. 1–2 (suckers, tactile organs); 1893a, 380–384 (suckers, tactile organs).—Jackson, 1888, 643, 644.—Linst., 1873e, 95–108, pl. 5, figs. 1–6 (new species and female organs); 1873f, 231–232 (sexual organs).—Macé, 1882, 91 pp., 3 pls. (grande douve du foie).—Nardo, 1827, v. 1, 68–69 (anus).
- , biology of: Braun, 1890d, 568.—Brown, 1882b, 624–630 (liver-fluke).—Harms, 1891a, 249–250 (Aufnahme).—Pontallié, 1851, 217–219 (encysted adults).—Schauinsland, 1882, Nov. 25, 494–498, pls. 19–20 (embryology).—Wymann, 1851, v. 6, 65.
- , classification of: R. Bl., 1885a, 541; 1891p, 609–611.—Duj., 1845a.—Looss, 1899b, 521–784, pls. 24–32; 1900a, 390–401; 1900b, 458–466; 1901b; 1901c; 1901, Feb.—Luehe, 1899k, 524–539; 1900p, 305–306.—Mont., 1892, Oct. 7, 214.—Stiles & Hass., 1898a.
- , geographic distribution of: Billet, 1898a, 279–282, figs. 22–23 (Haut-Tonkin).—Cobbold, 1876h, 209–212 (Asia).—Johnston, 1901a, 334–338, pl. 22, figs. 1–4 (Australia); 1901b, 598 (Aust.); 1902a, 326–330, pl. 13, figs. 1–7 (Aust.); 1902b, (Aust.); 1903a, 899 (Aust.).—Lint., 1900a, 267–304 (in fish at Woods Hole); 1901a, 267–304 (Woods Hole); 1901b, 405–492 (Woods Hole); 1902a, 449–450 (Woods Hole).—Looss, 1900a, 390–401 (Egypt); 1900b, 458–466 (Egypt).—Mochizuki & Tsutsumi, 1899, Nov. 20, 13–24 (Shigaken).
- , in collections: Stoss, 1904, June 23, 1–14, pl. 2, figs. 1–3 (Naples); 1905, Jan. 31, 23–24 (Naples).
- , in various animals: Bavay, 1902a, 199–200, 1 fig. (sp. in *Rhizostoma cuvieri*); 1905, July, 63.—Heymann, 1905, 97–98, fig. B (*Kachuga tectum*).—Weltner, 1896, 199–200, 3 figs. (Libellulidæ).
- , in amphibia: Groenouw, 1898a, 60–62, 1 fig., 85–92 (eye of *Rana esculenta*); 1903a, 65 (frog).—Guenther, 1853a, 95–99, pl. 1, figs. 1–6 (in *Rana temporaria*).—Klein, 1905, 59–80, pl. 5, figs. 1–8 (*Rana hexadactyla*); 1905, 24 pp. (*R. hex.*); 1906, Jan. 30, 41–42 (*R. hex.*).—Looss, 1894a, 296 pp., 192 figs. (and fish); 1894b.—Luehe, 1901p, 166–177 (Indian Anura); 1901q, 658 (Indian Anura).—Schellenberg, 1895, 170–171, figs. 1–2 (frog: muscle); 1895, Aug. 24, 183.—Staff., 1903, Oct. 21, 822–830, 1 pl., figs. 1–5 (Canadian Urodela); 1904, May 17, 281 (Canadian Urodela).—Stoss, 1889, v. 11, 60–74; 1889, Oct., 521; 1889, Nov. 8, 581–582.—Vallada (1882), v. 29, 35–39 (crustacea).—Vulpian, 1859, 150–152 (frogs); 1860, pl. 11, fig. 4.
- , in aves: Braun, 1899a, 1–4 (in *Porphyrio*).—Linst., 1906, 174 (in *Plotus melanogaster*).—de Miranda Ribeiro, 1903a, 137–139; 1904a, 280.—Nicoll, 1906, 515 (*Colymbus septentrionalis*).—Rail., 1890, 131 (pigeon).—Spencer, 1889, 109–110 (egg of fowl).—Stoss., 1892, v. 13 (2), 143–196; 1892, 54 pp.
- , in fishes: Ariola, 1899, 129–138 (marine).—Catois, 1897, xxxiii (meninges of *Gadus*).—Chavannes, 1851a, 210 (*Corregonus fera*).—Johnston, 1902a, 326–330 (*Pristiophorus cirratus*); 1905, July, 57 (Pr. cir.).—Kroyer, 1838–1840a, 612 (*Rhombus vulgaris*); 1843–1845a, 517 (*Cyclopterus lumpus*); 1852–53a, 745 (*Orthogoriscus mola*).—Lint., 1900a, 267–303; 1901a, 267–304; 1901b, 405–492; 1902a, 449–450; 1905, 349, 350, 353, 359, 360, 361, 364, 366, 372, 373, 374, 382, 385, 389, 393, 397, 402, 403, 404, 410, 413, 414, 415, 416, figs. 167, 168, 169, 171, 172, 173, 179, 198, 199, 205, 208, 209, 210, 213, 214, 215.—Looss, 1894a, 296 pp., 192 figs. (and frogs); 1894b, 706–711 (and frogs); 1901d, 398–405, 437–442, figs. 5–6 (Labriden; Triest).—Luehe, 1900w, 504–509 (gall-bladder;

DISTOMA—Continued.

- Mediterranean); 1900x, 792.—MacCallum, 1895, July, 401–412, figs. 1–8; 1895, 12 pp.—Mont., 1889k, 132–134; 1889l, Nov. 15, 612–613 (*Acanthias vulgaris*).—Schroeder, 1895, Oct. 26 (pike); 1896, Mar. 21, 426.—Ssnitzin, 1905, 210 pp., 6 pls., 9 figs. (and frogs: near Warschau); 1906, Nov. 13, 681–689 (and frogs: near Warschau).—Stoss., 1886, 66 pp.; 1888.—Tilesius, 1810, 335–375, 6 pls., 363–374, pl. 19, figs. 8–10 (*Gadus wachnia*).
- , in mollusks: Blochmann, 1892b, 649–652 (*Helix hortensis*).—Dies., 1850a, 298 (of Bojanus syn. of *Cerc. helicis viviparæ* sp. inq.; in *Paludina vivipara*).—Dubois, 1903, 178–179 (in *Mytilus gallo-provincialis*).—Huet, —, 20 pp., 1 pl. (*Cardium edule*).—Leidy, 1847c, 220–221 (*Helix alternata*).—Osborn, 1898, 301–310, figs. 1–4 (*Anodonta plana*; Chautauqua, N. Y.).
- , in insects: Ruge, 1904, June 30, 520; 1904, 174–176; 1905, Apr. 15, 420 (*Anopheles maculipennis*).—Schoo, 1902, Feb. 8, 283–286, figs. 1–2 (in *Anoph. claviger*); 1902, June 17, 358–359; 1905, July 1, 63.
- , in mammalia: Braun, 1893e, 347–355 (cat); 1893f, 381–392, 422–428; 1894, 691–696; 1900f, 387–391 (Chiroptera).—Cobb, 1897a, 453–481, 1 pl., 26 figs. (sheep).—Duncker, 1881a, 23–25, 55, 154, 159–160; 1884a, 39–42 (muscle, hogs).—Erc., 1875a, 391–441, 1 pl., figs. 1–9 (dogs); 1875b, 88–91 (dogs); 1875c, 413–416 (dogs); 1875e, 33–40 (dogs); 1875f, 274–279 (dogs); 1875g, 254–255 (dogs); 1876a, 379 (dogs).—Galli-Valerio, 1893a, 173–182, pl. 2, figs. 1–6 (embolism, horse); 1895c, 266 (horse).—[Hoppen, 1881a, 39 (muscle, hog).]—Johnston, 1901a, 334–338, figs. 1–4 (*Platypus*); 1901b, 598.—Hutcheon, 1900i, 497 (*Duiker antelope*).—Katsurada & Saito, —, v. 39 (3), 506; 1906, Nov. 13, 2264 (pancreas, cattle).—Leuck., 1881b, 46 (muscle, hog).—Marchi, 1873, 304, pl. 5, fig. B (*Delphinus tursio*).—Meltzer, 1894a; 1895a (in lungs of cattle).—Morot, 1889, Jan. 30, 37 (calf).—von Ratz, 1893, 249 (horse).—Rec. d. méd. vét., Par., 1885, Jan. 15, 60–62 (pork).—Rivolta, 1884, v. 16, 20–28, pl. 1 (cat and dog).—Sons., 1895, 1157–1160 (*Carnivora*); 1896, v. 20, 709.—Stoss., 1892, 1–42.—Tright, 1885, Apr., 84–85 (dog).—Villot, 1875, 467 (*Delphinus delphis*).—Welsch, 1881, June 15, 97 (pork).—Willach, 1892, Apr., 131 (lungs, horse); 1892, 118–124 (horse); 1892, 239–241 (bull); 1893, Sept. 1, 289 (horse); 1893, v. 8 (6–7), 80 (cattle).
- , in man (*Homo*): Askanazy, 1904, May 28, 897; 1904, July, 210; 1904, July 1, 74–75.—R. Bl., 1888a, 631.—Braun, 1894i, 602–606.—Lankester, 1857b, 433–437.—Mueller, 1842, v. 2, 559; 1842, 85 (foetus: spinal marrow).—Poir. 1888, v. 8.1, 49.—Sons., 1895, 1157–1160; 1896, v. 20, 709.—Tommasi (1881, fasc. II).—Valentin, 1840, 317–319 (foetus: spinal canal).
- , in reptiles: Heymann, 1905, v. 22 (1–2), 81–100, figs. 1–5 (*Chelonien*); 1905, 25 pp.; 1905, 96–97, fig. a (sp. in *Dermatemys mavi*); 1906, Jan. 30, 41.—Luehe, 1900aa, 555–566 (snakes and lizards); 1900bb, 928–930.—Sons., 1892 (*Zamenis viridiflavus*).—Stoss., 1895, v. 16, 213–239.—Voltz, 1899, Oct., 231–240, pl. 20 (snakes).
- , larvae of: Calkins, 1901b, 8, 12.
- , new species of: Bell, 1887a, Feb., 116–117.—Cohn, 1902h, 877–882, figs. 1–5.—Erc., 1875a; 1875b; 1875g (in dogs).—Koelliker, 1849b.—Lopez, 1888a, 137–138.—Par., 1896, 1–19; 1896, Sept., 162–180, figs. 1–7.—Pratt, 1903, 23–38; 1905, Feb., 58.
- , reproduction of: Ben., 1858d, 858 (fertilization); 1858e, 159–160, 223–224; 1858h, 312–314.—Fielde, 1888a, 115.—Linst., 1904p, 252–254, figs. 1–4; 1906, Jan. 30, 42.—Ward, 1903, 864.
- , species of: Braun, 1892a, 761; 1893a, 826.—Linst., 1898, 540 (larva), pl. 53, figs. 12–13, pl. 54, fig. 1; 1898, 537–538, pl. 53, figs. 1–2; 1900, 269, 295, 296, pl. 39, figs. 71, 72–81.—Linst., 1906, 174.—Looss, 1899, 521.—Ssnitzin, 1904, 768, fig. c (n. g.).—Staff., 1902, 481.—Wedl, 1857, 247–248, pl. 1, fig. 8.—Weltner, 1896, 199–200.—Wolffhugel, 1900, 36.
- acanthocephalum* Stoss., 1887, 94, pl. 10, fig. 40 (in *Belone acus*; Triest).—Braun, 1892a, 583, 584, 736; 1893a, 874, 911.—Looss, 1899b, 578, 580 (to *Tergestia*).—Mont., 1893, 102.
- acanthoides* Rud., 1819a, 114, 415–416 (in *Phoca vitulina*; Berlin).—Braun, 1901e, 315–316.—Cobbold, 1860a, 33 to Echinost.; 1879, 313.—Dies., 1850a, 382.—Duj., 1845a, 424.—Stoss., 1892, 29 (to Echinost.).
- acervocalcaphorum* Erc., 1881e, 21 (for *acervocalciferum*); 1882a, 257.

DISTOMA—Continued.

- acervocalciferum* Gastaldi, 1854, 6-7, pl. 1, figs. 6-9 (in *Rana esculenta*).—Braun, 1893a, 870.—Cobbold, 1860a, 18.—Dies., 1858e, 340-341 (in *Pelophylax esculentus*).—Linst., 1875, 193.—Rizzo, 1902, 29-30, fig. 2 (in *Tropidonotus matrix*).—Stoss., 1889, 68.
- acervocalciferum ranæ esculentæ* Gastaldi, see Dies., 1855, 64, footnote 11.
- acervocalcoforum* Linst., 1875a, 193 (for *acervocalciferum*).
- acervocalcophorum* Erc., 1881e, 20; 1882a, 256 (for *acervocalciferum*).
- actæonis* Pag., 1862, 306, pl. 29, fig. 5a (in *Acteon viridis*; Cette).
- aculeatum* Nitzsch, in Giebel, 1857, 266 (in *Strix bubo*).—Braun, 1901a, 14.—Stoss., 1892, 177 (in *Bubo maximus*).
- acutum* Leuck., 1842, 33-34, pl. 1, figs. 7a-b (in *Mustela putorius*).—Braun, 1893a, 877, 881; 1893d, 467; 1901e, 324.—Cobbold, 1860a, 8 (November).—Dies., 1850a, 364.—Duj., 1845a, 439.—Moniez, 1890e, Mar. 1, 242; 1890f, 1; 1890g, Apr. 29, 542-543.—Stoss., 1892, 34 (in *Putorius communis*).
- [*adriaticum* von Dr., a tunicate.]
- aduncum* Lint., 1905, 327, 333, 409, figs. 195-197 (in *Opsanus tau*; Beaufort, S. C.).
- advena* (Duj., 1843) Braun, 1892a, 772 [type of *Brachylaima* 1843]; 1893a, 831, 864, 880, 894.—Gamb., 1896a, 71.—Reported for *Sorex araneus*, *Limax*.
- æglefini* Ben., 1870, 57.—Braun, 1892a, 728, 734, 759.—Linst., 1873e, 99.—Mont., 1893, 193.—Reported for *Gadus euxinus*, *G. æglefinus*, *G. morrhua*, *Merlangus vulgaris*.—[See also next entry.]
- æglefini* (Mueller, 1776) Zed., 1803a, 211 (in *Gadus æglefinus*; int.).—Dies., 1850a, 343 [syn. of *D. simplex* Rud.].—Nicoll, 1907, 73.—Rud., 1809a, 370 (renamed *D. simplex*).—[Type of *Sinistroporus*, 1904.]
- ægypciacum* Looss, 1896b, 33-36, 192, 196, pl. 3, fig. 16, pl. 11, figs. 117-118 (to Fasc.).
- æquale* Duj., 1845a, 410 (in *Strix flammea* to (*Brachylaimus*)).—Braun, 1892a, 767; 1901e, 341.—Cobbold, 1859d, 365 (in *Strix perlata*); 1860a, 14 (in *S. perlata*); 1861, 118; 1879, 447.—Dies., 1850a, 363.—Looss, 1899, 650 (perhaps a *Clinost.*).—Mont., 1893, 155.—Stoss., 1892, 174 (to *Mesogonimus*).
- affine* Dies., 1850a, 359 (in *Lampris guttatus*; Groningæ) [nec Rud., 1819a], 680 (renamed *dicorynum*) (*Monost. tenuicolle* Rud., 1819, renamed [not *Dist. tenuicolle* Rud., 1819a]); 1859c, 430.
- affine* Rud., 1819a, 110, 406 (in *Perca cirrosa*; Arimini) [nec Dies., 1850a] (to *Dero-genes*).—Baird, 1853a, 54 (*D. appendiculatum* Rud.?).—Carus, 1884, 131.—Cobbold, 1860a, 27 (in *Scorpena cirrhosa*).—Dies., 1850a, 371 [nec Dies., 1850a, 359].—Luehe, 1901, 479.—Odh., 1905, 364.—Stoss., 1886, 44.—Wagener, 1860, 190 (in *Perca cirrhosa*).
- agamos* Linst., 1872, 1-5, pl. 1, figs. a-c (in *Gammarus pulex*); 1877, 185; 1878a, 315 (in *Gam. pulex* L.).—Jackson, 1888, 648 (in *G. p.*), 652.—Looss, 1885b, 36; 1894, 175.
- alacre* Looss, 1901, 401-402, 403, fig. 2 (in *Labrus maculatus*, *L. merula*, *Creni-labrus pavo*, *C. quinquemaculatus*, *C. griseus*).
- alatum* (Göze, 1782) Zed., 1800a, 177-180; 1803a, 213.—Anacker, 1892c, 94.—Blainv., 1824a, 519 (a holostome).—Brand., 1888a, 9, 60 (to *Hemist.*).—Crep., 1829, 66-67; 1837, 310; 1839, 287.—Dies., 1850a, 308 (to *Hemist.*).—Fischer, 1840, 158.—Gurtl, 1831, 375-376, pl. 8, figs. 39-40.—Lamouroux, 1822a, 194; 1824a, 563 (*Distome ailé*).—Mehlis, 1831, col. 184.—Nitzsch, 1819, 399 (to *Holost.*).—Nord., 1840, 628 (*Holost. alatum*).—Olfers, 1816, 46.—Rud., 1809a, 400, 402-404 (includes *Plan. alata* Göze, 1782; *Alaria vulpis* Schrank, 1788 [type of *Alaria*]; *Fasc. vulpis* Gmelin, 1790; *Dist. vulpina* Abild., 1790; *Festucaria alata* Schrank, 1790; *Fasc. alata* Rud., 1793); 1819a, 112, 412-413.—Also reported for *Canis lupus* and *C. vulpes*.
- albicollis* Rud., 1819a, 98-99, 376-377 (in *Falco pennatus*; Mus. Vien.).—Braun, 1893a, 875; 1901, 561, 562; 1902b, 99 (to *Dicrocoelium*).—Bremser, 1824, pl. 9, figs. 3-4.—Cobbold, 1860a, 12.—Crep., 1837, 310.—Dies., 1850a, 348.—Duj., 1845a, 393.—Rail., 1900, 239, 240.—Stoss., 1892, 156 (*D. macrourum* Rud.).—Also reported for *Aquila pennata*.
- albidum* Braun, 1893e, 347-355 (to *Dicrocoelium*) (in *Felis domestica*); 1893f, 390, 391, 392, 424, 427, fig. 2; 1894g, 129; 1894i, 606; 1895b, 151.—Askanazy, 1900b, 498, 501; 1901, 72; 1906, 128 (in cats fed on fish; intermediate host).—de Jong, 1896a, 3, 4.—Looss, 1899b, 564-565 (type of *Metorchis*), 677.—

DISTOMA—Continued.

- Moniez, 1896, 139, 140.—Mueh., 1898, 15, 23 (in *Halichærus grypus*), 87, 88, 89 (cf. *D. crassiusculum*).—Ratz, 1900, 141.—Stiles & Hass., 1894e, 424–425, pl. 1, figs. 1–2.—Ward, 1895, 341.
- albicerculeum* Stoss., 1889, 28–29 (in *Sargus salviani*; Trieste); 1898, 37.
- album* Stoss., 1890, 42, pl. 16, fig. 73 (in *Cantharus orbicularis*; Trieste); 1898, 49; 1901, 94.—Braun, 1891d, 424 (in *C. orb.*).—Looss, 1899, 571 (may belong to *Creadiinae*, possibly to *Creadium*).—Mont., 1893, 85, 86, 94, 102.—Odh., 1905, 328.—Also reported for *Cantharus vulgaris*.
- allostomum* Dies., 1850a, 367 (in *Tropidonotus natrix* var.) (includes *D. colubri murorum* Rud., 1819a).—Braun, 1893a, 863.—Cobbold, 1860a, 20.—Erc., 1881e, 67, 68, 69, 70, 73; 1882a, 303, 304, 305, 306, 309 (larva in *Helix carthusianella*).—Mont., 1893, 187.—Par., 1894, 147.—Stoss., 1895, 229.—Also reported for *Natrix torquata*, *Tropidonotus viperinus*.
- aloyisæ* Stoss., 1885, 161, pl. 6, fig. 28 (in *Corvina nigra*; Trieste); 1886; 24; 1898, 56; 1899, 15.—Braun, 1892a, 567, 663, 737, 1902b, 31.—Looss, 1899, 581.
- altemon* Ben., 1870, 48, for *atomon*.
- aluconis intestinale* Rud., 1819a, 119 (in *Strix aluco*).—Dies., 1850a, 396.—Duj. 1845a, 442.—Stoss., 1892, 173, syn. of *Echinost. apiculatum* (Rud.) Cobbold.
- aluconis thoracicum* Rud., 1819a, 119 (in *Strix aluco*).—Dies., 1850a, 396.—Duj., 1845a, 442.—Stoss., 1892, 177.
- americanum* (Hass., 1891) Stiles, 1892e, 148; 1892f; 1892g, 732–733; 1898a, 51 (syn. of *Fasc. magna*).
- amphileucum* Looss, 1896b, 55–60, pl. 4, figs. 31–35 (in *Naja haje*; Alexandria, Egypt); 1899b, 565 (to *Metorchis*).
- amphiorchis* Braun, 1899b, 719 (in *Thalassochelys corticata* at Trieste; *Chelone mydas*; *Podocnemis expansa*); 1899e, 629; 1901b, 20, 36.—Looss, 1899b, 568, 569 (type of *Anadasmus*); 1902, 463 (to *Orchidasma*).
- amphistoma* Nord., 1840, 616 [probably lapsus].
- amphistomoides* Bojanus, 1817b, 270–277, pl. 9, figs. 1–6 (in *Castor fiber*) (*Dystoma*).—Baird, 1853a, 43 (= *Amphist. subtriquetrum* Rud.).—Dies., 1836, 248; 1850a, 402 (syn. of *Amphist. subtr.*).—Fischder., 1902a, 42 (syn. of *Cladorchis* (*Stichorchis*) *subtriquetrum*).
- ampullaceum* Buttel-Reepen, 1900a, 586–596, 597, 598, figs. 1–7 (in *Cetacean*; Indian Ocean); 1902, Dec. 8, in 165–236; 1902, pl. 6, fig. 25; pls. 7–10, figs. 27–53; text figs. b–g; 1904, Jan. 26, 24–25; 1905, July, in 52–53.—Darr, 1902, 698.
- anarrhichæ* Jacoby, 1900, 13, see *anarrhichæ*.
- anarrhichæ* Rud., 1819a, 121–122 (*D. anarrhichæ lupi* Rathke, from intestine, renamed).—Dies., 1850a, 398 (possibly syn. of *D. appendiculatum*).
- anarrhichæ lupi* Rathke, 1799, 70, 146, pl. 2, figs. 3, a, b (in *Anarrhichas lupus*).—Dies., 1850a, 339, from stomach (syn. of *D. incisum* Rud.).—Jacoby, 1900, 12.—Rud., 1809a, 361, from stomach (syn. of *D. incisum*), 435–436 (see *anarrhichæ*).
- anatis* (Schrank, 1788) Zed., 1800a, xvii, 164, 196–198.—Dies., 1850a, 383 (syn. of *D. echinatum* Zed.).—Looss, 1899b, 680.—Rud., 1809a, 418 (syn. of *D. echinatum* Zed.).
- anatis domesticæ* Rud., 1809a, 431–432 (*Hirudo fasciolaris* Mueller, *Fasc. anatis* Bruguière, 1791, renamed); 1819a, 121.—Dies., 1850a, 335 (syn. of *D. ovatum* Rud.).
- anatis fusæ* Viborg, 1795, 243 (at Copenhagen).—Dies., 1850a, 397–398.—Duj., 1845a, 450.—Knoch, 1862e, 104.—Rud., 1809a, 431; 1819a, 120–121.—Stoss., 1892, 167, syn. of *Echinost. echinatum* (Zed.) Cobbold.
- anceolatum* Braun, 1892a, 677 (for *lanceolatum*).
- anceps* Mol., 1859, 845–846 (in *Fulica atra*; Padua).—Stoss., 1892, 168 (to *Echinost.*).
- ancyli lacustris* Dies., 1855a, 400 (to *Cercariæum*), based on Baer, 1827b, 656 (in *Ancylus lacustris*).
- andersoni* Cobbold, 1876, 46, pl. 10, fig. 3 (in *Platanista gangetica*); 1879, 420.—Linst., 1886, 125.—Stoss., 1892, 19 (to *Brachylaimus*).
- anguillæ* (Gmelin, 1790) Zed., 1803a, 222, in *Anguilla*.—Dies., 1850a, 340 (=? *D. polymorphum* Rud.).—Nord., 1840, 618 (to *Fasc.*).—Rud., 1809a, 363 (syn. of

DISTOMA—Continued.

- D. polymorphum*); 1814a, 101; 1819a, 369 (of Abildgaard, as ? syn. of *D. polymorphum*).—Thompson, 1844, 439 (in *Anguilla conger*).
- anguillulæ* Dies., 1850a, 340 (syn. of *D. polymorphum*), lapsus for *anguillæ*.
- anguis* Linst., 1885, 250–251, pl. 15, fig. 27 (in *Anguis fragilis*).—Braun, 1892a, 642, 663, 693.
- angulatum* Duj., 1845a, 401–402 to (Podocotyle [type]) (in *anguille*) [not *Fasc. angulata* Mueller, 1776].—Braun, 1893a, 910.—Cobbold, 1860a, 29 (in *Anguilla vulgaris*).—Dies., 1850a, 379.—Kroyer, 1846–1853a, 641 (in *Ang. migratoria*).—Looss, 1902m, 757, 770, 771 (possibly only one testicle), 772, 827 (type of Podocotyle).—Luehe, 1900, 487, 491, 492.—Odhm., 1905, 320, 321 (syn. of Pod. atomon).—Stiles, 1901r, 193.—Stiles & Hass., 1898a, 92, 93, 97 (type of Pod.).—Stoss., 1886, 17; 1902, 582.
- angusticollæ* Hausmann, 1896a, 391–392 (in *Cottus gobio*; Basel); 1897b, 4, 6, 20, 22, 24–29, 31, pl. 1, figs. 1–3.—Looss, 1899b, 571 (to *Creadium*: possibly identical with *D. commune* Olss., 1868, 31).—Odhm., 1901, 483, 502.
- angustum* Staff., 1900, 407–408, fig. 6 (in *Chrysemys picta*).
- aniarum* Leidy, 1891a, 414 (in *Tropidonotus sipedon*).
- annulatum* Dies., 1850a, 386–387 (in *Gymnotus electricus*; Brazil); 1855, 67–68, pl. 3, figs. 18–21; 1858e, 347.—Braun, 1892a, 571, 584.—Cobbold, 1860a, 36 (to *Echinost.*).—Looss, 1899b, 595.—Mont., 1888a, 14.—Stoss., 1886, 36.
- annuligerum* Nord., 1832a, 43, 53–54, 55, 102, pl. 1, figs. 4–10 (in *Flussbarsch*).—Braun, 1893a, 871.—Cobbold, 1860a, 28; 1879, 458.—Crep., 1837, 310, 313, 326.—Dies., 1850a, 377.—Duj., 1845a, 455.—Gescheidt, 1833a, 431.—Kroyer, 1838–1840a, 21 (in *Perca fluviatilis*).—Leuck., 1863a, 526.—Moul., 1856, 218–219 (in eye of perch).—Steenstrup, 1842, 59.—Stoss., 1886, 44 to (*Brachylaimus*).
- anonymum* Dies., 1858e, 341 (in *Gadus æglefinus*, *G. euxinus*, *Merlangus vulgaris*, *M. carbonarius*; Ireland) (includes *D. Gadi æglefini*, *Merlangi vulgaris*, et *M. carbonarii* based on Bellingham, 1844a, 428).—Cobbold, 1860a, 25.—Stoss., 1886, 45.
- anthos* Braun, 1899b, 720 (in *Chelonæ*; Yedo); 1901b, 27–29, 33, figs. 20–22, 24, 31.—Looss, 1899b, 575 (appears to be closely related to *Echinost.*); 1901l, 565, 566; 1902m, 458, 462 (type of *Calycodes*).
- apertum* Rud., 1819a, 108, 400–401, 779 (in *Apogon ruber* = *Mullus imberbis*; Naples).—Cobbold, 1860a, 27.—Dies., 1850a, 370.—Duj., 1845a, 422 to (*Apoblema*).—Mont., 1891, 522.—Stoss., 1886, 45.—Wagener, 1860, 189 (in *Mullus imberbe*).
- apiculatum* (Rud., 1803) Rud., 1809a, 423, to (*Echinost.*) includes *D. stridulæ*, 1801 (in *Strix stridula*, *S. flammea*); 1819a, 116, 119.—Braun, 1893a, 874.—Cobbold, 1860a, 35 (to *Echinost.*) (in *Strix aluco*, *S. flammea*).—Crep., 1837, 311.—Dies., 1850a, 386 (in *Strix aluco*, *S. flammea*; *Gryphæ*).—Duj., 1845a, 425–426.—Giebel, 1837, 310, 313, 326; 1839a, 288.—Dies., 1850a, 342, 370–371, 398 (includes *Apoblema* ap. Bl., *Fasc. alosæ* Hermann, *F. clupeæ* Schrank, *F. ap. Rud.*, *F. crenata* Rud., *Dist. clupeæ* Zed., *D. clupeæ* rhenanæ Rud., *D. crenatum* Rud., *D. varium* Eysenhardt); 1858d, 268 (larva *Histriionella echinocerca* Dies.); 1858e, 342 (in *Acipenser sturio*, *Ammodytes lancea*); 1859c, 431–432.—Duj., 1845a, 420–421 to (*Apoblema*).—Fil., 1855b, 19.—Fraip., 1880b, 106; 1881b, 4.—Gamb., 1896a, 71.—Hausmann, 1897b, 4, 6, 20, 22, 38–39, pl. 1, figs. 11–12 (in *Trutta salar*).—Johnstone, 1907, 180–182, fig. 14 (in *Gadus merlangus*; Shoals).—Juel, 1889, 4, 7.—Kroyer, 1838–

DISTOMA—Continued.

- 1840a, 187, 578, 582, 583, 595, 605, 609, 611; 1843–1845a, 444, 488, 581; 1846–1853a, 218, 253, 641; 1852–1853a, 778, 1219 (in *Gasterosteus aculeatus* L., *Perca fluviatilis* Linn., *Trigla hirundo* Linn., *Cottus scorpius* Linn., *Scomber scombrus* Linn., *Gadus morrhua* Linn., *Lota vulgaris* Cuv., *Platessa flesus* Linn., *Rhombus maximus* Linn., *Solea vulgaris* Cuv., *Salmo salar* Linn., *Alosa finta* Cuv., *Esox lucius* Linn., *Anguilla migratoria* Kroyer, *Acipenser sturio* Linn., *Clupea harengus* Linn.)—Lander, 1904a, 14, to (*Hemimurus*).—Leuck., 1863a, 453, 454, 481.—Levin., 1881a, 9, 58–59, 59 (Rud. of Olsson, 46, syn. of D. a. Rud. Mol.), 61, 64 (includes D. *ventricosum* Wagener, D. ap. Rud. of Olsson) (in *Cottus scorpius*, *Gadus ovak*).—Linst., 1903, 354.—Lint., 1900, 269, 283, 289, pl. 36, figs. 25–26; 1901, 408, 415, 418, 437, 439, 440, 445, 449, 459, 460, 467, 471, 475, 478, 482, 486, 487, figs. 312–314; 1905, 328, 333, 352, 365, 374, 378, 382, 393, 404, 405, 415, figs. 152, 153, 160 (in *Brevortia tyrannus*, *Caranx hippos*, *Coryphæna equisetis*, *Lagodon rhomboides*, *Leiostomus xanthurus*, *Lophopsetta maculata*, *Orthopristis chrysopterus*, *Prionotus scitulus*, P. *tribulus*).—Looss, 1894a, 204; 1899b, 640 (type of *Hemimurus*).—Luehe, 1901n, 394, 396, 397, 398, 399, 401.—Mayer, 1841a, 17–18, pl. 3, fig. 12.—Mol., 1858, 289 (in *Alausa vulgaris*; Patavii); 1859, 825–826 (in *Anguilla vulgaris*; Padua); 1861, 204–205, pl. 2, fig. 3.—Mont., 1888, 17, 38, 43; 1888a, 198; 1891, 9 (to *Apoblema*); 1891, 496, 497, 498, 499, 500, 501, 502, 522 (to *Apoblema*); 1893, 123.—Nicoll, 1906, 525.—Olfers, 1816, 46.—Olss., 1868, 46; 1876, 20; 1893, 11.—Sieb., 1842, 365.—Staff., 1902, 895.—Stiles & Hass., 1898a, 90.—Stoss., 1883, 115; 1885, 159; 1886, 47; 1886, 13; 1887, 90; 1887, 184; 1890, 40; 1902, 582.—Wagener, 1860, v. 1, 165–190, pls. 8–9.—Will.-Suhm., 1871 (3), 25 July, 380–396.—Reported also for *Accipenser sturio*, *Achirus fasciatus*, *Alausa finta*, *A. vulgaris*, *Alosa vulgaris*, *Anguilla vulgaris*, *Brosimius brosmæ*, *Capros aper*, *Centropages hamatus*, *Citharus linguatula*, *Clupanodon pseudohispanicus*, *Clupea alosa*, *C. sprattus*, *Coregonus oxyrrhynchus*, *Cottus bubalis*, *Cynoscion regalis*, *Decapterus macarellus*, *Gadus æglefinus*, *G. callarias*, *G. euxinus*, *G. melanostomus*, *G. minutus*, *G. morrhua*, *G. ovak*, *G. polachius*, *G. virens*, *Gobius jozo*, *Hippoglossus maximus*, *Labrax lupus*, *Lichia amia*, *Lophius piscatorius*, *Lota molva*, *Lucullus acuspes*, *Merlangus pollachius*, *M. vulgaris*, *Microgadus tomcod*, *Molva vulgaris*, *Myxocephalus æneus*, *Paralichthys dentatus*, *Pomolobus mediacris*, *P. pseudoharengus*, *Prionotus carolinus*, *Pseudopleuronectes americanus*, *Saurus griseus*, *S. lacerta*, *S. saurus*, *Stenotomus chrysops*, *Stenophorus brownii*, *Torpedo marmorata*, *Trachurops crumenophthalmus*, *Urophycis chuss*.
- appendiculatum* Rud., 1819a, 404, e. p.—Odh., 1905, 352 (syn. of *Brachyphallus crenatus*).
- appendiculatum* Rud. of Olss., 1868.—Levin., 1881, 59 (p. 46 Olss., syn. of D. a., Rud. of Mol.).—Odh., 1905, 348 (syn. of *Hemimurus levinsemi*; includes D. a. “(e. p. ?) Levin., 1881, 58”), 351 (Oss., 1868, pl. 5, fig. 95, syn. of *Hemimurus communis* Odh.; includes also D. a. Juel, 1889), 352 (Olss., 1868, e. p., syn. of *Hemimurus lühei* Odh.).
- aquilæ* Leidy, 1887b, 24 (in *Haliaëtus leucocephalus*); 1904a, 197.—Braun, 1893a, 876; 1900h, 16, 42.—MacCallum, 1899, 706, 707.—Stiles & Hass., 1894, 414.
- arcanum* Nickerson, 1900, Oct., 811–815, fig. 1 (in frogs).—Staff., 1902, 482, to (Pleurogenes) (includes D. *medians* Olss., of Staff., 1900); 1902, 724; 1905, Apr. 11, 683 (type of *Loxogenes*).
- arcuatum* Duj., 1845a, 410–411 (in *Corvus glandarius*; Rennes) to (*Brachylaimus*).—Braun, 1901e, 341.—Cobbold, 1860a, 15.—Dies., 1850a, 389.—Looss, 1899b, 703.—Stoss., 1892, 151.—Wolffhuegel, 1900, 9, 24, 37, 38, 39, 40, 41, 42.—Reported also for *Corvus corone*, *Garrulus glandarius*.
- ardæ* (Gmelin, 1790) Zed., 1803a, 222.—Dies., 1850a, 388 (syn. of D. *ferox* Zed.).—Rud., 1809a, 432.
- ardæ minutæ* Pontallii (1853), to (*Cladocalium*).—Dies., 1855, 64, foot-note 5, to (*Cladocalium*).
- ardæ nigræ* Viborg, 1795, see Rud., 1809a, index (D. *hians* Rud.).
- ardæ stellaris* Rud., 1809a, 432–433 (Fasc. *ardæ* Gmelin, 1790, renamed); 1819a, 120.—Dies., 1850a, 388 (syn. of D. *ferox* Zed.).—Duj., 1845a, 447.—Stoss., 1892, 165, syn. of *Echinost. ferox* (Rud.).
- arenula* Crep., 1825a, 53–54 (in *Fulica atra*); 1837, 317.—Braun, 1902b, 155, 156, 157, fig. 99.—Cobbold, 1860a, 15.—Dies., 1850a, 364–365.—Duj., 1845a, 447.—Linst., 1887, 104.—Stoss., 1892, 177.

DISTOMA—Continued.

- areolatum* Rud., 1809a, 50, 401–402 (Fasc. platessæ Mueller, D. platessæ Zed.) (in Pleuronectes platessa); 1819a, 111, 408–409.—Carus, 1884, 126.—Cobbold, 1860a, 26.—Dies., 1850a, 352 (Fasc. platessæ Mueller, 52, pl. 78, figs. 1–5; D. platessæ Zed.).—Duj., 1845a, 467.—Kroyer, 1843–1845a, 275 (in Platessa vulgaris Cuv.).—Lint., 1900, 269, 279, 293–294, pl. 39, figs. 60–63; 1901, 415 (in Morone americana, Pseudopleuronectes americanus, Tautoglabrus adspersus), 422, 456, 462, 486; 1905, 328, 334, 379, 389, 391, 396 (in Bairdiella chrysura, Micropogon undulatus, Orthopristis chrysopterus, Sciaenops ocellatus).—Mont., 1893, 193.—Olfers, 1816, 46.—Stoss., 1886, 43, 60 to (Echinost.).—Wagener, 1860, 185.
- aristotelis* Stoss., 1892, 14–15 (D. chilostomum Mehlis of Ben., 1873b) (in Rhinolophus hippocrepis, Vespertilio murinus, V. desyncneme, V. daubentonii, V. emarginatus, V. mystacinus, Nannugo pipistrellus).—[Ben., 1873, 27].—Braun, 1900, 221, 223, 388.—Stoss., 1892, 14, to (Brachylaimus).
- armatissimum* Linst., 1903, 280, fig. 15 (in Iguana sp.).
- armatum* (Rud., 1793) Zed., 1803a, 220.—Caruccio, 1886, 293.—Dies., 1850a, 382 (syn. of D. trigonocephalum Rud.).—Rud., 1809a, 416.—Stoss., 1892, 167 (Echinost. echinatum (Zed.) Cobbold).
- armatum* Mol., 1858, 130 [nec (Rud., 1793) Zed., 1803] (in Phasianus gallus; Pata-vii); 1861, 217.—Anacker, 1887c, 513 (in Gallus dom.).—Braun, 1893a, 874 (in Gallus dom.).—Dies., 1858e, 347.—Hass., 1896a, 2, 3 (syn. of Echinost. echinatum (Zed.)).—Landois, 1882, 23.—Schneidemuell, 1896, 303 (in chickens).—Sons., 1889, 11 (in Gallina).—Stoss., 1898, 52.
- armatum* MacCallum, 1895, 401 (as variety of D. isoporum).
- armatum paludinae impuræ* Fil., 1857c, pl. 2, figs. 14, 15 [doubtless equals D. paludinae impuræ armatum].
- arrectum* Duj., 1845a, 403 (in Lézard vert), to (Brachycoelium).—Cobbold, 1860a, 20.—Dies., 1850a, 389–390 (in Lacerta viridis; Rhedoni).—Linst., 1873, 101; 1879, 185.—Looss, 1899b, 567, 568, 611, 614; 1902m, 816.—Luehe, 1899k, 536.—Mol., 1859, 831–833 (in Lacerta viridis, Rhedoni; Podarcis muralis, Padua).—Par., 1894, 147.—Stiles, 1901r, 197, 199, 201.—Stoss., 1895, 225–226.—Also reported for Lacerta muralis.
- arrectum* of Mol. [1859, 831–833], and of Stoss. [1895, 225–226], are, according to Looss, 1899b, 567–568, probably misdeterminations. Molin's form apparently belongs in Telorchis.—Braun, 1901a, 13.—Luehe, 1899, 530.
- ascidia* Rud., 1819a, 108, 399–400 [nec Ben., 1873] (in Sparus boops, S. pagrus; Arimini and Naples).—Barbagallo & Drago, 1903, 410, to (Brachylaimus) (in Box boops, Pagrus vulgaris; Catania).—Carus, 1884, 130.—Dies., 1850a, 369 (in Box vulgaris, Pagrus vulg.; Armini and Naples).—Duj., 1845a, 458.—Looss, 1899b, 609.—Stoss., 1886, 45; 1898, 41.
- ascidia* Ben., 1873c, 328–329 (see D. lagena Brand.) [nec Rud., 1819a].—Brand., 1889b, 249, 250.—Braun, 1892a, 577, 618, 642, 663; 1893a, 864; 1900, 388; 1900b, 221, 223, 224, 225.—Cobbold, 1879b, 294.—Gamb., 1896a, 71.—Kowal., 1894, 2.—Linst., 1884, 140, fig. 25; 1885, 248–249; 1887, 102–103, pl. 2, figs. 4, 17f (in Vesperugo nathusii) (includes Cerc. armata Sieb.).—Looss, 1894a, 2, 125, 127, 167, 168, 181, 184, 185, 186, 212, 270, 275, pl. 3, fig. 52, pl. 4, figs. 72–73; 1896b, 86; 1898, 453, 454, 455, 457, 458, fig. 1, ii; 1899, 547, 556, 609 (type of Lecithodendrium), 610, 613, 618, 718.—Luehe, 1899, 536.—Macé, 1881, 421, in Vespertilio murinus; 1882, 62.—Stiles, 1901r, 200.—Stoss., 1892, 21 (in Plecotus auritus, Rhinolophus hippocrepis, Vespertilio dasyncneme, V. daubentonii, V. murinus, V. mystacinus, Vesperugo nathusi, Vesperus serotinus, Nannugo pipistrellus).—Also reported for Rhinolophus ferrum equinum, R. hipposideros, Limnæa stagnalis, Planorbis corneus, Ephemera, Perla, Chironomus plumosus.
- ascidioides* Ben., 1873, 332 (in Vesperugo noctula).—R. Bl., 1891, 467.—Braun, 1892a, 579; 1893b, 185 (in Vespertilio murinus); 1900, 221, 222; 1900, 388.—Cobbold, 1879b, 294.—Linst., 1885, 249–250; 1887, 103 (in Rhinolophus hipposideros).—Looss, 1894a, 2, 167, 168, 181, 182, 184, 185, 210, 211, 212, 275, pl. 3, fig. 51; 1896b, 86; 1898a, 453, 454, 455, 457, 458, fig. 1, i; 1899b, 547, 609, 610 (to Lecithodendrium).—Mont., 1892, 712.—Staff., 1902, 483 (in Vespertilio subulatus) to (Lecith.); 1905, Apr. 11, 692 (syn. of Lecith. chilostomum Mehlis).—Stiles, 1901, 200.—Stoss., 1892, 16 (in Rhinolophus hippocrepis, in Belgio; Vesperugo noctula; Vespertilio murinus; in Clarte-Dieu, Francia; Vesperus serotinus).

DISTOMA—Continued.

- ascoidea* Leidy, 1877e, 201 (in *Planorbis parvus*) to (*Gymnocephala*); 1904a, 144.—Linst., 1889a, 122 (ascoideum).
- asperum* Wright, 1879, 57–58, pl. 1, figs. 3–5 (in *Ardea minor*).—Braun, 1892a, 583.—Mont., 1893, 94.—Stoss., 1892, 164 (to *Echinost.*).
- aspidophori* Ben., 1870, 34, pl. 4, fig. 16 (in *Aspidophorus europæus*).—Braun, 1892a, 643.—Stoss., 1886, 45.
- assula* Duj., 1845a, 398 (in *Coluber natrix*; Toulouse) to (*Dicrocoelium*).—Cobbold, 1860a, 20.—Dies., 1850a, 390.—Erc., 1881e, 78; 1882a, 314 (from *Tropidonoton*).—Kampmann, 1894b, 454.—Linst., 1879, 184.—Mont., 1893, 187, 188, 189.—Par., —, 147.—Stoss., 1895, 222.—Volz, 1899, 235, 237.
- atomon* (Rud., 1802) Rud., 1809a, 362–363 (in *Pleuronectes flesus*); 1810a, 328; 1819a, 95.—Ben., 1870, 48 (*D. altemon*).—Braun, 1892a, 763, 764, 766; 1893a, 873.—Carus, 1884, 132.—Cobbold, 1858b, 160–161, pl. 32, figs. 30–32 (in *Hippoglossus vulgaris*); 1860a, 30.—Dies., 1850a, 340 (in *Platessa flesus*; *Gryphæ*); 1859c, 427–428.—Duj., 1845a, 466–467.—Kroyer, 1843–1845a, 297 (in *Platessa flesus*).—Linst., 1878, 225, fig. 7.—Mol., 1858, 288 (in *Platessa passer*; *Pata-vii*); 1859, 828; (in *Platessa passer*; *Padua*); 1861, 199.—Mont., 1893, 193.—Nicoll, 1907, 73 (to *Podocotyle*).—Odh., 1901, 484, 485, 499, 502, 503, 506, 507, 508, 509, 511, 512, 513, 514; 1905, 320, 321 (to *Podocotyle*).—Olfers, 1816, 45.—Olss., 1868, 30.—Stiles & Hass., 1898a, 95.—Stoss., 1886, 33 (in *Anarrhichas lupus*); 1887, 185, 186; 1898, 47–48.—Wagener, 1860, 183, 188.
- atriventre* Weinland, 1856, 24 (in *Physa heterostropha*).—Braun, 1893a, 865.—Gamb., 1896a, 71.
- attenuatum* Rud., 1814a, 103, *F. longicollis* Abildg., renamed [later renamed *naja*] [nec Duj., 1845a].—Olfers, 1816, 46.
- attenuatum* Duj., 1845a, 392–393 [nec Rud., 1814] (in *Turdus merula*; Rennes) (includes ?*D. longicauda* Rud., ?*D. macrourum* Rud., ?*D. albicollis* Rud., ?*D. clathratum* Deslongchamps).—Braun, 1902b, 109.—Dies., 1850a, 345 (syn. of *D. macrourum* Rud.).—Rail., 1900, 240.—Schlotthauber, 1860, 129.—Stoss., 1892, 156.
- attenuatum* Bremser, MS., in *Rhynchops nigra*; Brazil.—Braun, 1901f, 563 (renamed *Microlistrum spinetum*); 1902b, 60.
- auriculatum* Wedl, 1857, 242–243, pl. 1, fig. 2 (in *Acipenser ruthenus*).—Braun, 1892a, 586; 1900, 231.—Carus, 1884, 128.—Cobbold, 1860a, 25.—Dies., 1858e, 343.
- auriculatum* Wedl of Lint., 1898, 521, pl. 45, figs. 1–7 (U. S. Nat. Mus. 4845); 1901, 415, 435.—Looss, 1902, 454 (of Lint., 1898) (probably a *Bunodera* and identical with *D. petalosum*).—Staff., 1904, May 3, 491 (of Lint., as syn. of *Acrodactyla petalosa* Lander).—Stoss., 1886, 18, 63 (to *Crossodera*).—See also lintoni.
- baccigerum* Rud., 1819a, 108, 398–399 (in *Atherina hepsetus*; Naples).—Braun, 1892a, 700, 720, 721, 734.—Carus, 1884, 129.—Cobbold, 1860a, 27.—Dies., 1850a, 369.—Duj., 1845a, 461.—Mont., 1893, 95.—Stoss., 1886, 45; 1889, 27; 1898, 44–45.
- bacillare* Mol., 1859, 834–835 (in *Centrolophus pompilius*; Padua).—Barbagallo & Drago, 1903, 410 (to *Dicrocoelium*) (in *Scomber scombrus*; Catania).—Braun, 1892a, 720, 737.—Carus, 1884, 130.—Looss, 1899b, 571 (this form, as described by Stoss., belongs to the *Creadiinae*, possibly to *Creadium*).—Mont., 1893, 86, 94, 102.—Odh., 1905, 328, 338.—Stoss., 1886, 31 (to *Dicrocoelium*); 1887, 92–93; 1898, 50.
- baculus* Dies., 1850a, 391 (in *Mergus albellus*) (*D. mergi* Rud., 1819a, 121, renamed).—Braun, 1892a, 584; 1893a, 911.—Cobbold, 1860a, 36, 163 (to *Echinost.*).—Linst., 1877, 183, pl. 13, fig. 15.—Stoss., 1892, 163.
- bæltzi* Cobbold, 1884g, 976 (syn. of *D. pulmonale* Bæltz).
- bagri incapsulatum* Wedl, 1861, 479–480, pl. 3, fig. 40 (in *Bagrus* sp.).
- baraldi* Sons., 1892, 91, 92, 93, 94 (in *Zamenis viridiflavus* Lacep.); 1893, 499; 1893, 184; 1896, 116.—Braun, 1893b, 185 (in *Z. vir.*).—Rizzo, 1902, 28 (in *Coluber viridiflavus*; Catania).—Stoss., 1895, 218–219, to (*Brachylaimus*).—Volz, 1899, 235, 237.—West, 1896, 323.
- barbatum* (Linn., 1761) Zed. of Rud., 1809a, 441.—[See Dies., 1850a, 573] (syn. of *Tetrabothriorhynchus migratorius*).

DISTOMA—Continued.

- batryophorum* Ben., 1870, 51, see botryophorum.
- beleocephalum* Linst., 1873, 104–105, 106, pl. 5, fig. 2 (in *Ardea cinerea*).—Stoss., 1892, 169 (to *Echinost.*).
- belones* Braun, 1893a, 871 (in *Belone vulgaris*), based on Wedl, 1855, 382–383.
- belones vulgaris* Dies., 1855, 64, based on Wedl, 1855, 382–383 (gives no specific name); 1858e, 355, 356 (in *Belone vulgaris*).—Carus, 1884, 128.—Stoss., 1886, 46.
- benedeni* Stoss., 1898, 51, for *benedenii*, 1887.
- benedenii* Stoss., 1887, 95, pl. 10, fig. 39 (in *Mugil chelo*); 1898, 51.—Braun, 1891d, 424; 1892a, 569, 698, 720.—Looss, 1894, 178; 1901, 439; 1902, 129, 130, 136, 137.—Mont., 1893, 82.—Sons., 1894, 254, 255.—[Type of *Haploporus* 1902.]
- bergense* Olss., 1868, 43–44, pl. 10, fig. 93 (in *Anguilla vulgaris*).—Ben., 1870, 83 (*bergensis*).—Odhn., 1905, 356, 357 (syn. of *Lecithaster gibbosus* (Rud.)).—Stoss., 1886, 24 (to *Brachylaimus*); 1902, 582.
- bergensis* Ben., 1870, 83, for *D. bergense*.
- beroës* Will., 1844, 343–344, pl. 10, figs. 10–13 (in *Beroe rufescens*; Triest).—Busch, 1851, 99 (in *Sagitta*; Triest).—Dies., 1850a, 381 (renamed *D. papillosum*).—Mont., 1893, 123.—J. Mueller, 1850, 497.—Pag., 1862, 298.
- betencourti* Mont., 1893, 33, 34, 35, 43, 52, 84, 85, 88, 91, 95, 96, 102, 106, 107, 114, 146, 171, 186, 190–193 (syns. *D. luteum* of Ben., 1870, 3; Stoss., 1886, 52; Mont., 1890, 432) (in *Scyllium*; Boulogne), pl. 8, fig. 121; 1896, 152.—Ariola, 1899, 8 (*D. luteum* Ben. as syn.).—Linst., 1903, 354.—Looss, 1894, 219; 1899b, 622.—Stoss., 1899, 10 (to *Pleurogenes*; syn. *luteum* Ben., in *Scyllium canicula*, *S. stellare* at Boulogne); 1904, 193–197.
- bicoronatum* Stoss., 1883, 113–114, pl. 1, figs. 1–3 (in *Ciconia nigra*); 1886, 34, 113 (to *Echinost.*); 1887, 186; 1890, 42 (= *D. cesticillus* Mol.); 1892, 64; 1898, 54.—Braun, 1892a, 571, 583; 1893a, 911; 1893b, 184 (in *Zeus faber*).—Carus, 1884, 127.—Looss, 1901, 599, 600.—Mont., 1888a, 14; 1893, 160, 161.—Sons., 1891, 258.—[1901 to *Stephanochasmus*.]
- bifurcatum* Wedl, 1861, 477–478, pl. 3, fig. 38 (in *Crocodilus vulgaris*; Egypt).—Brand., 1888a, 15; 1888, 57, to *Diplost.*
- bifurcum* Braun, 1899, 631 (in *Flusschildkröten*); 1901b, 13, 18 (to *Telorchis*).—Luehe, 1899, 529 (to *Telorchis*).
- bilharzii* Herff, 1894a, 415, for *Bilharzia hæmatobia*.
- biliosum* Leidy, 1858a, 111 (in a fish; America); 1904a, 112.—Dies., 1859c, 430–431.
- bilis* (Braun, 1789) Zed., 1803a, 214–215 (in *Falco melanaëtus*; Germany).—Braun, 1892a, 632.—Dies., 1850a, 376 (in *Falco chrysaëtus*, *F. albicilla*).—Rail., 1898, 412 (to *Campula*).—Rud., 1809a, 408 (renamed *D. crassiusculum*).
- bilobum* Rud., 1819a, 114, 416 (in *Tantalus falcinellus*; Mus. Vien.) (to *Echinost.*).—Braun, 1892a, 584.—Dies., 1850a, 385; 1858e, 347 (in *Ibis falcinellus*, *Platalea leucorodia*, *Fulica atra*); 1859c, 434.—Duj., 1845a, 431–432.—Mol., 1858, 291 (in *Ibis falc.*; Patavia); 1861, 218–219, 247, pl. 3, figs. 5, 8.—C. Par., 1887, 332.—Stoss., 1891, 216; 1892, 171 (to *Echinost.*).—Wedl, 1857, 246–247, pl. 1, fig. 7.—Also reported for *Plegadis falcinellus*.
- binode* (Mueller, 1776) Zed., 1803a, 215 (in a fish).—Dies., 1850a, 379.—Rud., 1809a, 439–440; 1819a, 123.
- bipartitum* (Wedl, 1855) Mont., 1893, 150.—[1902 to *Didymostoma*.]
- blanchardii* Cobbold, 1860a, 8, *Brachylemus erinacei* Blanchard, 1847, renamed (in *Erinaceus europæus*; Paris).—Stoss., 1892, 35 (syn. of *D. linguæforme* Dies.).
- blennii* (Mueller, 1776) Zed., 1803a, 211–212.—Dies., 1850a, 344 (syn. of *D. divergens* Rud.).—Harz, 1881c, 11.—Rud., 1809a, 371 (renamed *D. divergens* Rud.).
- blicæ* Linst., 1877, 185–186 (in *Blicca bjoerkna*).—Braun, 1893a, 871.—Stoss., 1886, 46.
- bolodes* Braun, 1902b, 11, 17, 18, 19, 74, figs. 12–13 (in *Fulica atra*; Rossitten (Kurische Nehrung)).
- bonnierii* Mont., 1893, 40, 42, 43, 49, 61, 82, 83, 84, 85, 86, 88, 89, 90, 91, 95, 102, 180–184, pl. 1, fig. 8, pl. 6, figs. 76–80 (in *Trigla gurnardus*; Wimereux), syn.

DISTOMA—Continued.

- D. varicum* Mueller of Mont., 1889, 492, pl. 22, fig. 20.—Looss, 1894, 170; 1899b, 641, 642 (type of *Liopyge*).
- bosci* Cobbold, 1859d, 364, pl. 63, figs. 6–7 (includes *Fasc. colubri* Bosc, Dist. *colubri americani* Rud.) (in *Coluber* sp.); 1860a, 19; 1861e, 119; 1864, 22; 1879b, 455 (*boscii*).—Braun, 1893a, 872, 876 (*boscii*).—Staff., 1905, Apr. 11, 692 (belongs to *Zeugorchis*).—Stoss., 1895, 226.—Volz, 1899, 235, 238.—West, 1896, 322.
- boscii* Cobbold, 1879b, 455, for *bosci*, q. v.—Sons., 1892, 92.
- bothryophoron* Braun, 1892a, 700, for *botryophoron*.
- botryophoron* Olss., 1868, 42–43, fig. 92 (in *Cyclopterus*).—Ben., 1870, 51 (*batryophoron*).—Braun, 1889a, 367; 1892a, 643, 700 (*bothryophoron*), 721.—Lint., 1901, 415 (in *Clupea harengus*, *Pomolobus pseudoharengus*), 419, 437, 439, 444, 485, figs. 355, 356 (*bothryophoron*); 1905, 328, 334, 378, 397, 411, figs. 174–175 (*bothryophoron*) (in *Micropogon undulatus*, *Orthopristis chrysopterus*, *Paralichthys dentatus*).—Looss, 1899b, 729 (*bothryophoron*) (to *Hemirurus*).—Gdhn., 1905, 356 (syn. of *Lecithaster gibbosus* (Rud.)), 359 (type of *Lecithophyllum*).—Stoss., 1886, 21 (in *Cyclopterus lumpus*, *Argentina silus*, *Molva abyssorum*); 1896, 128 (*bothryophoron*); 1898, 40 (*both.*).
- brachysomum* Crep., 1837a, 314 (in *Hæmatopus ostralegus*); 1846, 134, 136, 142; 1849a, 1, 68.—Braun, 1892a, 578, 583, 710, 720, 721, 723, 728, 733, 736; 1893a, 865, 874, 879; 1900, 234; 1902b, 155.—Cobbold, 1879b, 438.—Dies., 1850a, 397; 1858e, 354 (in *Hæmatopus ostralegus*).—Gamb., 1896a, 71.—Jägers., 1898, 14; 1900, 738, 739; 1901, 982 (type of *Levinisia*).—Linst., 1878, 133 (in *Hæmatopus ost.*), 136 (in *Ægialites hiaticula*), 142 (in *Ardea cinerea*); 1882, 20–21; 1887, 104; 1889, 48 (in *Tringa alpina*), 50 (in *Æg. hiat.*), 55 (in *Fuligula cristata*), 56 (in *Glaucina clangula*); 1894b, 336 (in *Actitis hypoleucis*; Seeburger See).—Looss, 1894a, 175; 1899b, 620, 621, 622 (? type of *Levinisia*); 1901b, 207; 1902m, 703, 704, 705, 706 (type of *Levinisia* according to Luehe), 826.—Luehe, 1899k, 537, 538.—Mont., 1888, 94; 1893, 43, 83, 86, 95, 102.—Nicoll, 1906, 524.—Odhn., 1900, 13; 1905, 317.—Stiles & Hass., 1902d, 20 (type of *Levinisiella*).—Stoss., 1892, 148 (includes *D. calidris* Rud.).—Villot, 1875, 475, 476; 1878, 22–24 (in *Anas glacialis*, *Ardea cinerea*), 27, 28, pl. 5, fig. 7 (in *Streptopelia interpres*, *Tringa variabilis*).—Ward, 1901, 176, 184 (type of *Levinisia* Stoss.).—Also reported for *Actitis hypoleucis*, *Anthura gracilis*, *Bucephala clangula*, *Charadrius calidris*, *C. hiaticula*, *Harelda glacialis*.
- bramæ* (Mueller, 1776) Zed., 1803a, 218.—Dies., 1850a, 341 (syn. of *D. globiporum* Rud.).—Harz, 1881c, 11.—Rud., 1809a, 365.
- brevicolle* Crep., 1829b, 54–55 (in *Hæmatopus ostralegus*; Greifswald).—Braun, 1901, 944; 1902b, 11, 12 (to *Psilost.*), 14, 15, 23, 26.—Cobbold, 1859d, 364; 1860a, 14.—Dies., 1850a, 363–364.—Duj., 1845a, 445.—Linst., 1887, 104.—Mehlis, 1831, col. 176.—Mueller, 1897, 19, pl. 3, fig. 2.—Nicoll, 1906, 514 (in *Hæm. ostr.*).—Stoss., 1892, 35 *D. (Dicrocoelium)*, 177.
- brusinae* Stoss., 1889, 25–26, pl. 14, fig. 60 (in *Oblata melanura*; Triest); 1898, 32; [1904, 197 (type of *Diphtherost.*)].—Braun, 1892a, 587, 700, 736; 1893a, 874, 910.—Looss, 1899b, 622, 623, to *Pleurogenes*.—Mont., 1893, 85, 86, 102.
- brusinae* Looss, 1901d, 399, for *brusinae* (in *Labrus merula*, *L. maculata*, *Crenilabrus pavo*, *C. griseus*, *C. quinque-maculatus*), 400–401; 1902h, 129.—Barbagallo & Drago, 1903, 410 to (*Brachycæcum*) (in *Oblata melanura*; Catania).—Stoss., 1904, 195, 196, 197 (type of *Diphtherost.*).
- buccini* Fil., 1855b, 23.
- buccini mutabilis* Fil., 1855b, 17, pl. 2, figs. 17–18 (in *Buccinum mutabile*; Gulf of Gênes); 1857b, 433, pl. 2, figs. 17–18.—Dies., 1858d, 266 to *Cerc.* (*Acanthocephala*).—Par., 1894, 160.—Villot, 1875, 479.
- bufonis* Linst., 1877, 185 (in *Bufo vulgaris*).—Braun, 1893a, 870.—Stoss., 1889, 69.
- bursæ fabricius* Podwyszołki, 1890, 157 (in *Gallus domesticus*).
- bursicola* Crep., 1837, 310, 311, 313 (in *Ardea cinerea*); 1846, 134.—Braun, 1893a, 876; 1893d, 467 (in *A. cin.*); 1901, 259 (syn. of *Echinost. cloacinum* Braun) (types in Creplin's collection, Zool. Museum, Greifswald); 1902b, 74.—Dies., 1850a, 397.—Hass., 1896a, 2 (syn. of *Cephalogonimus ovatus* (Rud.)).—Stiles, 1901k, 593; 1901l.—Stoss., 1892, 144 (syn. of *Cephalog. ov.* (Rud.) Stoss.); 1898, 23 (syn. of *Cephalog. ov.*).
- buski* Bl., 1888, 622–625, for *D. buskii*, q. v.

DISTOMA—Continued.

- buskii* Lankester, E., 1857b, 437 (in Homo; from Asia).—Aitken, 1866, 804, syn. of *D. crassum* (Busk).—Bl., 1888a, 622 (includes *D. crassum* Busk, 1859 [nec Sieb., 1836], 623–625; 1891, 610 (*buski*) (syn. *D. rathouisi* Poir.).—Braun, 1895b, 141 (includes *D. crassum*); 1889a, 348; 1902b, 95; 1903, 3 ed., 153 (to *Fasciolopsis*); 1906, 159, 160, fig. 90 (*buski*).—Brunet, 1902a, 125 (*buski*).—Cobbold, 1858b, 167; 1860a, 5; 1866, 6; 1876, 303; 1879b, 20.—Gamb., 1896a, 63.—Huber, 1896a, 575–576.—Ijima, 1889, 131.—Kholodk., 1898, 26.—Leuck., 1863a, 587.—Linst., 1878, 3 (syn. of *D. crassum*).—Looss, 1899b, 557 (see *Fasciolopsis*).—Moniez, 1896, 86, 114–117, 118.—Rail., 1893a, 363, to (*Dicrocoelium*).—Simon, 1897, 209, 223.—Tyson, 1903, 3 ed., 1180.—Ward, 1895, 328 (in Homo); 1903, 867 (to *Fasciolopsis*); 1904, v. 39, 260.—Weinland, 1858, to *Dicrocoelium*.—Wood, 1904, v. 39, 260.
- buteonis* (Gmelin, 1790) Zed., 1803a, 221.—Dies., 1850a, 396 (in Falco buteo).—Duj., 1845a, 442.—Rud., 1809a, 430; 1819a, 119.—Stoss., 1892, 178.
- [*cæruleum* Sluiter, 1898, 4, 9, 14–16, pl. 2, fig. 4; pl. 3, fig. 11 (a tunicate).]
- cahirinum* Looss, 1896, 119–121, pl. 8, figs. 83–84 (in Bagrus bayad; Cairo); 1899, 752 (to *Haplorchis*).
- calceolus* Mol., 1858, 129 (in Conger conger, at Patavii); 1861, 210–211.—Braun, 1892a, 586.—Carus, 1884, 132.—Cobbold, 1860a, 25.—Dies., 1858, 342.—Stoss., 1886, 28 to (*Dicrocoelium*).
- calidris* Rud., 1819a, 120 (in Scolopax calidris).—Dies., 1850a, 323 (syn. of *Monost. mutabile* Zed.).—Duj., 1845a, 447.—Stoss., 1892, 148 (syn. of *D. brachysomum* Crep., 1846).
- callionymi* Ben., 1870, 53, pl. 4, fig. 8 (in Calliomynus dracunculus).—Stoss., 1886, 46.
- calyptrocotyle* Mont., 1891, 110; 1892, Oct. 7, 172, 176; 1893, 1–138, 171, 175, to (*Accacœlium*, pl. 1, fig. 14; pl. 2, figs. 1–11; pl. 3, figs. 12–15, 17–21, 24–28, 30, 31; pl. 4, fig. 50; pl. 7, fig. 104; pl. 8, fig. 136 (in Beroë ovata Dch.); 1896, 151, 152.—Darr, 1902, 688.—Looss, 1894, 131, 142, 145, 165, 166, 189, 219; 1902, 639 (to *Orophocotyle*).
- campanulatum* Rivolta, 1884, 27, for *campanulatum*.
- campanula* Duj., 1845a, 435 (in Esox lucius; Rennes) to (*Crossodera*).—Cobbold, 1860a, 32 (= *D. nodulosum*).—Dies., 1850a, 381 (syn. of *D. nod. Zed.*); 1858e, 354; 1859c, 435, 436 (cf. *Gasterost. fimbriatum* Sieb.).—Kroyer, 1846–53a, 253; 1852–53a, 1221.—Moul., 1856a, 219 (in Cyprinus idus; Rennes).—Stoss., 1886, 42, to (*Echinost.*).—Tennent, 1906, 638 (syn. of *Gasterost. fimb. Wag.*) (in Esox).—Wagener, 1858, v. 1, 250, pl. 9; 1860, 165 (syn. of *Gasterost. fimb.*).—Wedl, 1857, 233–244, pl. 1, fig. 3.—Ziegler, 1883, 538 (in Cyprinus idus).
- campanula* Linst., 1886a, 125, for *D. campanula* Cobbold.—Stoss., 1892, 16 (syn. of *D. oblongum* (Cobbold) Stoss.; includes *Campula oblonga* Cobbold, 1858), (in *Phocæna communis* at Warnemünde; and *Platanista gangetica* Cuv.).
- campanulatus* Erc., 1874, 432–439, pl. 1, fig. 7 (in Canis familiaris); 1875b, —; 1875c, —; 1875d, —; 1875e, —, 39–40 (in Canis domesticus); 1875f, 278; 1875g, —; 1876a, —.—Braun, 1893a, 875; 1893e, 348, 349, 351; 1893f, 386, 387, 389, 424 (= *D. truncatum* Rud.); 1893g, 802, 803.—Cobbold, 1879b, 300.—Jong, 1887a, in dog; 1887b, 223–224 in cat; 1890a, 140; 1896a, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, fig. 2.—Rail., 1890, 131 (in cat).—Schneidemuëhl, 1896, 302 (*kampanulatum*).—Sons., 1889, 276, 277, 280, 281 (syn. of *D. conus* Crep.).—Ward, 1895, 341.—Zwaardemaker (1887), 265; 1888, 679.—Zuern, 1882, 220.
- campula* Cobbold, 1876q, 40, pl. 10, fig. 2, *Campula oblonga* renamed; 1879b, 418, 419, 423, fig. 68.—Braun, 1900g, 250.—Hoyle, 1890, 537.—Jackson, 1888, 648.—Looss, 1899, 558, 559, 560.—Mont., 1893, 44, 82.—Stiles, 1901r, 203.—Stiles & Hass., 1899, 102.—Stoss., 1892, 16 (syn. of *D. oblongum* Cobbold).
- canaliculatus* Rud., 1819a, 676 (in Sterna sp. = *galericulata* teste Dies.; Brazil).—Braun, 1901f, 561, 562; 1901g, 947; 1902b, 59, 140, 142, 144 (to *Bilharziella*).—Dies., 1850a, 346 (in Sterna galericulata).—Duj., 1845a, 449.—Stoss., 1892, 36, 178.
- canaliculatum* Mehlis, in Crep., 1846, 138 (in Colymbus cristatus).
- capense* Harley, 1864a, 55–72, figs. 1–16 (in Homo; Cape of Good Hope); 1864b, 173–175; 1864c, 156–157; 1864d, 161–163; 1864e, 515–517; 1864f, 142–143; 1864g, 302; 1864h, 293; 1865a, 68.—R. Bl., 1888a, 636 (syn. of *Bilharzia hæmatobia*).—Bourel-Roncière, 1888a, 130 (*capensis*).—Braun, 1903, 3 ed., 169.—

DISTOMA—Continued.

- Chassaniol & Guyot, 1878a, 66.—Cobbold, 1864g, 157; 1879b, 39; 1885a, 499 (syn. of Bilh. hæm.).—Colloridi, 1891a, 856 (syn. of B. hæm.).—Almeida Couto, 1872, 4.—Crevaux, 1874a, 173 (capensis).—Duffek, 1902a, 774.—Hoyle, 1890, 538.—Huber, 1896a, 580 (syn. of Bilh. hæm.).—Leuck., 1876, v. 2 (3), 873.—Simon, 1897, 99.—Stiles, 1898a, 58.—Ward, 1895, 253 (syn. of Gynæcophorus hæm.) (in Homo).
- capitellatum* Rud., 1819a, 99, 379–380 (in *Uranoscopus scaber*; Arimini, Naples).—Braun, 1883a, 41; 1892a, 672; 1893a, 875.—Carus, 1884, 131.—Cobbold, 1860a, 26.—Dies., 1850a, 356–357.—Duj., 1845a, 456.—Jacoby, 1900, 2.—Looss, 1901, 656, 658.—Luehe, 1900, 504, 506.—Mont., 1888a, 17; 1893, 18, 32, 40, 41, 42, 43, 65, 66, 83, 84, 85, 95, 97, 102, 173–176, pl. 1, fig. 13, pl. 6, figs. 69–75, pl. 7, fig. 103.—Sons., 1890, 142 (in *Uran. sc. L.*).—Stoss., 1886, 46; 1886, 47; 1892, 64; 1898, 38–39.—Will.-Suhm, 1870, 8; 1871, 182.
- capsulare* Dies., 1858e, 355, based on Wedl, 1857, v. 26, 247, pl. 1, fig. 8 (in *Ardea purpurea*, A. nycticorax, A. cinerea, Gallinula crex, Podiceps nigricollis).—Braun, 1893a, 870.—Stoss., 1892, 176 (to Agamodist.).
- carinariae* della Chiaje (1841a), 139, pl. 109, figs. 29–30.—Carus, 1884, 133.—Mont., 1888a, 195, 196.
- carinatum* Zed., 1803a, 217 (in *Cyprinus*; *Perca fluviatilis*) (includes *Fasc. longicollis*, *Dist. cyprinaceum*, *F. lagena*, *F. jesis*).—Dies., 1850a, 341 (syn. of *D. globiporum*), 365 (pars, syn. of *D. inflexum*).—Looss., 1902, 763 (and *Sphaerost. globiporum*).—Rud., 1809a, 365 (= *D. globiporum*), 366, 395 (pars = *D. inflexum*).—Stiles, 1901, 168.
- carnosum* (Hass., 1891) Leuck., 1892b, 798.—Braun, 1892a, 674; 1892, 563, *Dist. (Fasc.) carnosum*.
- carnosum* Rud., 1819a, 93, 366, 676 (in *Sparus dentex*; Naples).—Carus, 1884, 130.—Cobbold, 1860a, 22.—Dies., 1850a, 337 (in *Dentex vulgaris*).—Duj., 1745a, 458.—Mol., 1859, 833 (in *Dentex vulgaris*; Padua).—Stoss., 1885, 161; 1886, 23; 1898, 39; 1886, 59, to (*Brachylaimus*).—Also reported for *Corvina nigra*.
- carolinæ* Stoss., 1889, 26–27, pl. 13, fig. 55 (in *Alosa finta*; Trieste); 1898, 29.—Braun, 1891d, 423.—Looss, 1899b, 641 (= *Pronopyge ocreata*).—Mont., 1891, 17 (syn. of *Apoblema ocreatum*); 1891, 510, 512 (syn. of *Ap. ocr. Rud.*).—Also reported for *Alosa vulgaris*.
- caryocatactis* Zed., 1800a, 163, 168–169 (in *Corvus caryocatactes*); 1803a, 210.—Braun, 1901, 562; 1902b, 123, 125 (syn. of *Harmost. caudale*).—Dies., 1850a, 362 (syn. of *Dist. caudale*).—Rud., 1809a, 382.
- catervarium* Looss, 1896, 118–119, pl. 8, figs. 81–82 (in *Alosa finta*; Cairo).
- caudale* Rud., 1809a, 382–384 (*caryocatactis* Zed., renamed) (in *Corvus caryocatactes*); 1819a, 103.—Braun, 1893a, 874; 1901, 561, 562, 564; 1902b, 123, 124 (to *Harmost.*), 125 (of Mueller, 1897, 16 = *Urogonimus macrostomus*); 1902b, 128 (of Rud., 1809 = *Harmost. mesostomum*).—Cobbold, 1860a, 14.—Crep., 1837, 317; 1846, —.—Dies., 1850a, 362.—Duj., 1845a, 442.—Giebel, 1857, 266.—Leuck., 1863a, 477.—Looss, 1899b, 703.—Mont., 1893, 149.—Mueh., 1898, 99; 1898, 16.—Mueller, 1897, 16–17, pl. 2, fig. 7.—Olfers, 1816, 44.—Sieb., 1836, 234.—Stoss., 1892, 178.—Reported also for *Ampelis garrulus*, *Coracias garrula*, *Corvus glandarius*, *C. pyrrhcorax*.
- caudale* of Mueller, 1897, in *Coracias garrula*.—Braun, 1902b, 125 (syn. of *Urogonimus macrostomus*).
- caudale* of Will.-Suhm, 1870, 97 (in *Pyrrhcorax alpinus*).—Braun, 1902b, 124–125 (nec Rud.).
- caudatum* Polonio, 1859.—Par., 1894, 147 (in *Natrix torquata*, *Tropidonotus viperinus*; Padua), 627; 1896, 9–11, fig. 4, to (*Opisthorchis*).
- caudatum* Linst., 1873, 103–104, pl. 5, fig. 3 (in *Erinaceus europæus*); 1900, 85 (claims priority for *caudatum* over *leptostomum*).—Blochmann, 1892b, 649–652 (raised experimentally from a *Cercaria* in kidney of *Helix hortensis*).—Braun, 1892a, 570, 723; 1893a, 831, 856, 857; 1901e, 338 (= *D. leptostomum* Olss.).—Cobbold, 1879, 295.—Gamb., 1896a, 71.—Hofmann, 1899a, 189, 196, 201.—Looss, 1894, 2, 236; 1899b, 652 (to *Heterolope*).—Mont., 1893, 149.—Roewer, 1906, 185.—Stoss., 1892, 17 (syn. of *D. leptostomum* Olss.); 1898, 24.
- caudatum* (Bosc, 1802) Steenstrup, 1859, 183.
- caudiporum* Rud., 1819a, 96, 370 (in *Zeus faber*; Arimini).—Dies., 1850a, 342, 371.—Duj., 1845a, 422 to ? (*Apoblema*).—Wagener, 1860, 181 (in *Zeus faber*).

DISTOMA—Continued.

- caviæ* Sons., 1890, 100 (in *Cavia cobaya*); 1897, 250.—Braun, 1903, 3 ed., 147 (syn. of *Fasc. hepatica*); 1906, 150, fig. 83.—Rail., 1893a, 342 (syn. of *Fasc. hep.*).—Stiles, 1898a, 48.—Stoss., 1892, 7 (syn. of *Cladocœlium hep.*).—Ward, 1895, 246 (syn. of *Fasc. hep.*), 328 (in *Homo*), 332 (in *Bos taurus*), 335 (in *Ovis aries*); 1903, 865 (syn. of *Fasc. hep.*).
- centra appendiculatum* Leidy, 1904a, 277, misprint for *centrappendiculatum*.
- centrappendiculatum* Leidy, 1891a, 416 (*D. appendiculata* Leidy, 1877, not Rud., renamed); 1904a, 237.
- cercatum* Mont., 1893, 40, 42, 43, 83, 95, 102, 157, host and locality not known, specimen in British Museum, to (*Urogonimus*).
- cerebrate* Yamagiwa, 1890, 457 (in *Homo*), for *D. pulmonum*, see *Paragonimus westermanii*.
- cesti veneris* Vogt, —, 299 (in *Cestum veneris*).—Braun, 1893a, 852.—Dies., 1858e, 356 (in *Cestum veneris*).—Mont., 1893, 124.
- cesticillum* Mol., 1858, 131 (in *Lophius piscatorius*; Patavii); 1861, —.—Braun, 1883a, 41; 1892a, 584, 672; 1901a, 34.—Carus, 1884, 127.—Dies., 1858e, 351–352.—Jacoby, 1900, 2.—Linst., 1903, 354.—Looss, 1899, 576 (type of *Stephanost.*), 581; 1901, 600.—Luehe, 1900, 505.—Mol., 1861, 221–223.—Mont., 1893, 41, 42, 61 (*cesticillum*), 160, 161.—Stoss., 1886, 34; 1890, 42 (*D. bicoronatum* Stoss., 1883).—Will.-Suhm, 1870, 8.
- cestoides* Ben., 1870, 17, pl. 6, fig. 9 (in *Raja batis*).—Braun, 1893a, 873.—Linst., 1903, 354.—Lint., 1901, 415, 432.—Mont., 1893, 53.—Stoss., 1886, 46.
- cylindraceum* Looss, 1894a, 36, misprint for *cylindraceum*.
- characis* Stoss., 1886, 26 to (*Brachylaimus*) (in *Charax puntazzo*; Trieste); 1887, 91; 1898, 37.
- chefrenianum* Looss, 1896, 73–76, pl. 5, figs. 50–51 (in *Rhinopoma microphyllum* Geoff.; Ghizeh); 1898, 453, 454, 456, 457, 458, fig. 1 iii; 1899, 716, 717 to *Lecithodendrium*.—Stiles, 1901, 200.
- chefresianum* Looss, 1896, pl. 5 (misprint for *chefrenianum*).
- chelonix atræ* Braun, 1899e, 629, see *D. pachyderma*.
- chelydræ* Staff., 1900, 406–407, fig. 5 (in *Chelydra serpentina*); 1905, Apr. 11, 690, type of *Auridist*.
- chilostomum* Mehlis, 1831, 186–187 (in bats).—Braun, 1892a, 577; 1900, 221, 222, 223; 1900, 387, 388.—Crep., 1837, 328.—Cobbold, 1860a, 7; 1879b, 294.—Dies., 1836, 240; 1850a, 349 (includes *D. noctulæ* Rud., 1819a, 119).—Kolenati, 1857, 11.—Linst., 1878, 225–226, fig. 8.—Mueh., 1898, 26.—Sieb., 1836, 234.—Stoss., 1892, 20–21 (in *Plecotus auritus*, *Vespertilio daubentonii*, *V. nattereri*, *V. murinus*, *V. mystacinus*, *Vesperugo discolor*, *V. leisleri*, *V. noctula*, *V. serotinus*).
- chilostomum* Mehlis of Ben., 1873b, 27, pl. 6, figs. 7, 8, 19.—Sieb., 1835, 56.—Stoss., 1892, 14 (syn. of *D. aristotelis*).
- chinense* Cobbold, 1876, 97 (*D. sinense*, renamed).
- chloropodis* Zed., 1800a, 164, 198–199 (in *Fulica chlorops*).—Dies., 1850a, 384 (syn. of *D. uncinatum* Zed.).—Rud., 1809a, 420.
- choledochum* Linst., 1883a, 306–307, pl. 9, fig. 49 (in *Anas* sp.); 1886, 30.—Braun, 1892a, 699; 1893a, 875; 1893, 353; 1893f, 426; 1894i, 602, 605.—Looss, 1896b, 58, 59; 1899b, 675.—Stoss., 1892, 161 (in *Anas* sp.; Turkestan).
- chrysaëti* Rud., 1819a, 119 (in *Falco chrysaëtus*).—Duj., 1845a, 441–442.—Stoss., 1892, 151 (syn. of *D. crassiusculum* Rud.).
- chrySTALLinum* Hannover, 1864a, 3, for *crystallinum*.
- cignoides* Mont., 1888a, 40, 80, for *cynoides*.
- cymbiforme* Mont., 1896, 165, for *cymbiforme*.
- cinctum* (Rud., 1803) Rud., 1809a, 422–423, to (*Echinost.*); 1819a, 116.—Ben., 1858a, 1861a, 85.—Cobbold, 1860a, 35, to *Echinost.* (in *Vanellus cristatus*, *V. melanogaster*).—Crep., 1837, 311, 312, 316.—Dies., 1850a, 386 (includes *D. tringæ helveticæ* Rud., *Fasc. ci.* Rud.) (in *V. crist.*, *V. mel.*).—Duj., 1845a, 431.—Giebel, 1857, 265.—Linst., 1887, 104.—Mueller, 1897, 19–20, pl. 3, fig. 3 to (*Echinost.*).—Nord., 1832a, 90.—Olfers, 1816, 47.—Olss., 1876, 21.—Stoss., 1892, 172 to (*Echinost.*); 1898, 53.
- [*circumvallata* Sluiter, 1900, 8 (a tunicate).]

DISTOMA—Continued.

- cirratum* (Rud., 1802) Rud., 1808a, xxvi, pl. 6, fig. 7; 1809a, 376; 1819a, 100–101; spelled *F. cirrosum*, Rud., 1808a, 296.—Braun, 1893a, 874; 1901, 561, 563; 1902b, 37, 38 (syn. of *D. elegans*), 39, 43 (to *Plagiorchis*), 40, 44, 45, 47, 48, 49.—Cobbold, 1860a, 12.—Crep., 1837, 317, 322, 326.—Dies., 1850a, 350 (includes *Fasc. cirrata* Rud.).—Duj., 1845a, 413 (to *Brachylaimus*).—Fil., 1855b, 8 (*cirrhatum*).—Jacoby, 1900, 20.—Looss, 1899, 703.—Luehe, 1899, 530, 531; 1901, 487.—Mueh., 1896, 589; 1896, 262–266, figs. 5, 12; 1898, 16, 27, 92.—Olfers, 1816, 44.—Stoss., 1892, 153 (includes *D. elegans* Rud., 1819a, *D. globocaudatum* Duj., 1845a); 1904, 2 (to *Plagiorchis*).—Reported also for *Ægiothus linarius*, *Corvus cornix*, *C. corone*, *C. monedula*, *C. pica*, *Larus marinus*, *Sturnus vulgaris*.
- cirrhatum* (Rud., 1802) Fil., 1855b, 8, for *cirratum*.
- cirrhigerum* Nord., 1840, 616, for *cirrigerum* 1827, q. v.
- cirrigerum* Baer, 1827, 553 (in *Astacus fluviatilis*).—Brand., 1891b, 264.—Braun, 1892a, 749, 751; 1893a, 859, 870 (*cirrhigerum*).—Crep., 1837, 325, 326.—Dies., 1836, 240; 1850a, 363 (syn. of *D. isostomum* Rud.).—Harz, 1881a; 1881b; 1881c, 1, 2, 3, 4, 7, 8, 9, 10, 11, 14.—Hoyle, 1890, 537.—Jackson, 1888, 648, 652.—Kampmann, 1894b, 452, 454, 457, 458, 459, 460, 462, pl. 20, figs. 11–13.—Linst., 1903, 281, 282 (*cirrhigerum*); 1904, 254.—Lint., 1892, 69–70.—Looss, 1893b, 814; 1894a, 230.—Marshall & Gilbert, 1905a, 480.—Mont., 1888a, 64.—Moul., 1856, 217 (in *Astacus fluviatilis*).—Mueh., 1898, 14.—Nord., 1840, 616.—Reinhard, 1871, 8 pp.—Schneidemuehl, 1896, 302.—Sieb., 1835, 56, 59, 64, 67.—Steenstrup, 1842, 56.—Warren, 1903, Dec., 273–301, pls. 24–26 (anat., development); 1904, 15 June, 311.—Wierzejski, 1888, in 20 pp., 1 pl.—Zaddach, 1881, 893; 1881, 1 Aug., 398–404; 15 Aug., 423–431.
- cirrosum* Rud., 1808a, 296, pl. 6, fig. 2 [=7] (for *D. cirratum*).
- cladocalium* Dies., 1858c, 354 (in *Ardea minuta*) [based on “*Distome* (*Cladocalium*) du foie du Blongias, Pontallié, 1853, 103”].—Braun, 1893a, 875.—Stoss., 1892, 178.
- clathratum* Deslongchamps, in Lamouroux 1824a, 563 (in *Cypselus apus*).—Braun, 1893a, 875, 910; 1899, 714; 1902b, 109 (= *D. refertum* Mueh.).—Cobbold 1860a, 15.—Dies., 1850a, 396.—Duj., 1845a, 393–394.—Jacoby, 1900, 10, 11.—Looss, 1899, 634 (to *Dicrocoelium*).—Mueh., 1898, v. 1, 22, 26, 84–85, 86, 87, pl. 4, figs. 7, 17.—Olss., 1876, 24.—Stoss., 1892, 155.
- clathratum* Deslongchamps of Olss.—Rail., 1900, 239 (syn. of *Dicrocoelium olssoni* Rail.).—Braun, 1902b, 100, 109.
- clava* Dies., 1850a, 356 (in *Eunectes scytale*, *Hydroscolus plumbeus*, *Coluber flaviventris*, *Clodia fasciata*; Brazil; 1855, 66, pl. 3, figs. 7–8; 1858, 339.—Braun, 1892a, 568, 587; 1901b, 13, 58; 1901i, 58.—Cobbold, 1860a, 19.—Luehe, 1899, 524, 529 (type of *Telorchis*); 1900b, 151.—Sons., 1892, 92.—Stoss., 1895, 229–230.
- clavatum* (Menzies, 1791) Rud., 1808a, 260; 1809a, 387, 391–393 (includes *Hirudinella* Garsin, 1730; *Fasc. scombri pelamidis* Tilesius), 437; 1814a, 102; 1819a, 106, 122, 394–395, 682–683, 685.—Baird, 1853a, 59, 60 includes *Hirudinella clav.* (Menzies) Blainv.; *D. clav.* Owen=H. *ventricosa*.—Barbagallo & Drago, 1903, 410 (in *Pelamys sarda*; Catania).—Ben., 1870, 37.—La Billardière, (1801), 46.—R. Bl., 1891r, 692–693, syn. *D. ingens* Moniez (in *Requim*).—Brand., 1891d, 16; 1898a, 208.—Braun, 1892a, 568, 571, 576, 588, 591, 592, 593, 597, 603, 605, 608, 609, 610, 611, 623, 624, 625, 630, 631, 632, 635, 636, 637, 638, 640, 641, 642, 645, 647, 664, 665, 669, 673, 675, 677, 682, 683, 684, 685, 686, 687, 688, 690, 698, 699, 700, 701, 705, 712, 713, 717, 719, 724, 726, 731, 733; 1893a, 873, 878; 1893b, 184; 1893d, 466.—Buttel-Reepen, 1900a, 585, 586, 589, 590, 592, 594, 598; 1902, 166, 167, pl. 6, figs. 7, 11a, 11b, 12; 1904, Jan. 26, 24–25; 1905, July, 52–53.—Carus, 1884, 131.—Chatin, 1887d, 1003.—Cobbold, 1860a, 21; 1867k, 200–205 (from sword-fish); 1879b, 458, 460, 461.—Crep., 1837, 316, 327.—Darr, 1902, 662, 664, 665, 666, 667, 689.—Dies., 1850a, 366–367 (includes *Hirudinella* Garsin; *Fasc. fusca* Bosc; *F. cl.* Menzies; *F. scombri pelamidis* Tilesius; *D. coryphæna* Rud.) (in *Coryphæna hippurus*; Brazil; *Pelamys sarda*, *Thynnus vulgaris*); 1859c, 431.—Duj., 1845a, 459–460.—Goto, 1891a, 181 (*Distonum*).—Jackson, 1888, 644, 646, 647–648.—Jægers., 1900, 72.—Jordan, 1881a, 438–448, pls. 7–8, figs. 1–10 (anatomy); 1881b, 12 pp., pls. 7–8, figs. 1–10; 1881c, 604–605.—Juel, 1889, 13, 17, 18, 19.—Kroyer, 1838–1840a, 596 (in *Thynnus vulgaris*).—Lander, 1904a, 8.—Lint., 1898, 539–540, pl. 53, figs. 8–11; 1901b, 415, 421, 445, 448 (in *Thynnus thynnus*, *Xiphias gladius*).—

DISTOMA—Continued.

- Looss, 1849a, 9, 113, 145, 147, 151, 152, 198, 202; 1895c, 69; 1896b, 204; 1899b, 556, 646, 739.—Moniez, 1892, 108–118.—Mont., 1888a, 23, 26, 30, 31, 38, 39, 42, 44, 47, 48; 1893, 7, 15, 20, 22, 26, 27, 33, 34, 44, 65, 66, 67, 68, 69, 73, 83, 86, 88, 89, 104, 106, 113, 135, 152.—Olfers, 1816, 46.—Osbeck, 1765, 392.—Owen, 1835, v. 1, 381–384, pl. 41, figs. 17–20; 1835, 72–73; 1837, 271–273, pl. 2.—Par., 1887, 334–335.—Poir., 1885, 4, 5, 6, 7–8, 9, 10, 14, 15, 16, 18, 22, 23, 25, 26, 27, 29, 32, 33, 37, 38, 39, 43, 45, 46, 47, 48, 51, 52, 54, 55, 56, 57, 58, 60, 62, 63, 70, 71, 73, 75, 77, 78, 79, 81, 83, 84, 88, 93, 95, 96, 97, 102, 103, 105, 107, 109, 110, 113, 116, 117, 118, 120, 121, 127, 130, 131, 133, 134, 138, 139, 142, 143, 144, 146, 147, 149, 150, 151, 152, pl. 23, fig. 1; pls. 24, 25, 26, figs. 1–3; pl. 27, fig. 1; pls. 28, 29, figs. 1, 3, 4; pl. 30, figs. 1–3; pl. 31, figs. 1–5.—Sieb., 1835, 68.—Stiles, 1901, 194 (type of *Hirudinella*).—Stoss., 1886, 46.—Wagener, 1860, 182, pl. 9, figs. 11–12 (in *Scomber pelamys*).—Ziegler, 1905, 39.—Also reported for *Scomber thynnus*.
- claviforme* Brand., 1888, 247–251, pl. 17, fig. 1 (in *Tringa alpina*).—Braun, 1892a, 568, 578, 586, 662, 700; 1893a, 874, 910.—Jacoby, 1900, 11.—Jägers., 1900, 739, 740.—Looss, 1899b, 618, 619, 620; 1902m, 704.—Luehe, 1899, 537.—Nicoll, 1906, 524.—Odhn., 1900, 13.—Staff., 1905, Apr. 11, 692.—Stoss., 1892, 148–149 to (*Brachycoelium*).—Ward, 1901, 184.
- clavigerum* Rud., 1819a, 103, 389–391, 589 (in *Bufo viridis* at Berlin, and *B. cinereus*, *Rana esculenta*, *R. temporaria*, *Hyla arborea*).—Baird, 1853a, 52 (Fasc. ranæ Froelich).—Bellingham, 1844, 424.—Ben., 1858a, 1861a, 93, 96–97.—Bettend., 1897a, 4, 5, 8, 15; 1897, 308, 309, 312, 319.—Biehringer, 1888a, 234.—Brand., 1891b, 265.—Braun, 1892a, 635, 707, 715, 736, 750, 751; 1893a, 865, 879.—Cobbold, 1858b, 162, pl. 33, figs. 52–53 (in *Rana temporaria*); 1860a, 16; 1879b, 454.—Crep., 1837, 310, 311, 312, 316, 322, 325, 328, 329; 1839, 287.—Dies., 1850a, 352, 388 (includes Fasc. ranæ Froelich; *D. c. Rud.*, ex parte, as syn. of *D. retusum* Duj.); 1858, 429; 1858e, 338 (Cerc. (*Acanthocephala*) ornata), adult in *Rana temporaria*, *Pelophylax esculentus*; larva in *Planorbis corneus*, *Hydrachus concharum*; 1859c, 429 (Cerc. armata major, in *Lymnaeus stagnalis*, *L. ovatus*, *Planorbis corneus*; Belgia), 434 (Cerc. ornata).—Duj., 1845a, 404.—Duncker, 1881a, 23; 1882, 188; 1884a, 40.—Erc., 1881e, 77, 78, 82, 83, 84, 85, 89; 1882a, 313, 314, 318, 319, 320, 321, 325.—Fil., 1857c, 32.—Florance, 1866a, 11.—Gamb., 1896a, 72.—Hoyle, 1890, 537, 540.—Jackson, 1888, 648.—Juel, 1889, 37.—Kampmann, 1894b, 446, 448, 454, 457, 459, 460, 461, 462, pl. 20, figs. 14–18.—Kath., 1894a, 152.—Kowal., 1894d, 3; 1895, 350–351; 1902d, 9 (to *Pleurogenes*).—Lamouroux, 1824a, 562.—Leuck., 1863a, 477, 520.—Linst., 1873, 1 (Cerc. ornata La Valette is young stage); 1882, 18; 1887, 97, 98, 99, 105; 1890f, 184; 1904, 254.—Looss, 1885b, 24, 39, 40, pl. 23, fig. 15; 1893b, 810, 811 (includes *D. neglectum* Linst., 1887); 1894a, 1, 2, 82, 83, 84, 85, 87, 91–101 (1 text fig.), 102, 103, 104, 105, 106, 107, 119, 124, 126, 137, 140, 158, 159, 165, 167, 173, 176, 179, 181, 191, 192, 197, 202, 205, 206, 208, 209, 210, 211, 212, 219, 227, 228, 230, 234, 264, 270, 273, pl. 2, figs. 30–32; pl. 8, figs. 165–166, 170–175; pl. 9, fig. 189 (includes *D. neglectum* Linst., *D. medians* Olss., e. p.); 1894d, 5, 50; 1896, 94, 95; 1898, 461; 1899b, 611, 614, 617 (type of *Pleurogenes*), 622, 623.—Luehe, 1899, 536; 1901, 169.—Mol., 1859, 846–848, pl. 3, fig. 3 (in *Pelophylax esculentus*; Padua).—Mont., 1888a, 15, 65; 1893, 71, 95, 102; 1896, 152.—Mueh., 1898, 23.—Nickerson, 1900, 814, 815.—Noack, 1892, —.—Nord., 1840, 616.—Olfers, 1816, 44.—Pag., 1857, 17, 18, 39–40, 52, pl. 4, figs. 8–14 (in brown and green frogs).—Par., 1887, 490.—Poir., 1885, 101.—Schwarze, 1885, 76.—Sieb., 1835, 64, 65; 1836, 233, 239.—Sons., 1893, 187, 189 (in *Rana esculenta*).—Staff., 1905, Apr. 11, 684.—Stiles, 1901, 197, 198, 199, 201.—Stoss., 1889, 64; 1896, 128; 1898, 43–44.—Wolf, 1903, 612, 613, 619, 621.—Zuern, 1882, 220.
- clavigerum* Rud., 1819a, of Duj., 1845a.—Looss, 1894, 101 (renamed *D. confusum* Looss); 1896, 88, 91, 93, 94, 95.
- clupeæ* (Schrank, 1788) Zed., 1803a, 218 (in *Mayfische*; Rhine).—Baird, 1853a, 54 (syn. of *D. appendiculatum* Rud.).—Dies., 1850a, 371 (syn. of *D. app. Rud.*).—Rud., 1809a, 437.
- clupeæ rhenanæ* Rud., 1809a, 437–438 (includes Fasc. alosæ Hermann, 1783, *F. clupeæ* Schrank, 1788, *D. clupeæ* Zed., 1803); 1819a, 110 (syn. of *D. app. Rud.*).—Baird, 1853a, 54 (syn. of *D. app. Rud.*).—Dies., 1850a, 371 (syn. of *D. app. Rud.*).
- cochlear* Dies., 1850a, 357–358 (in *Sterna cantiaica*, *S. minuta*; Brazil) (*D. cochleariforme* [sternæ] Rud., 1819a, 681, renamed).—Braun, 1901, 561, 563; 1901, 895.

DISTOMA—Continued.

- 1902b, 56 (includes *D. diesingi* Cobbold), 58 (to *Microlistrum*).—Stoss., 1892, 37, 179.
- cochleariforme* Rud., 1819a, 681–682, 687 (in *Pelecanus aquila*, ?*Sterna cantiaea* [see *D. cochlear*], *S. minuta*, *S. sp.*; Brazil).—Braun, 1901, 561, 563; 1901, 895; 1902b, 55 (type of *Microlistrum*), 56, 58 (of Stoss., 1892, 37; Duj., 1845a, 449; Rud., 1819a, 681; pars, syn. of *Microlistrum cochlear*).—Cobbold, 1860a, 13.—Dies., 1850a, 357.—Duj., 1845a, 449.—Stoss., 1892, 37, 179.
- cochleariforme sternæ* Rud., 1819a, 681, of Dies., 1850a, 357 (renamed *D. cochlear* Dies.).
- cœlebs* Linst., 1875, 192–193, pl. 3, fig. 15 (in *Fringilla cœlebs*).—Braun, 1893a, 870.—Stoss., 1892, 176 (to *Agamodist.*).
- culomaticum* Giard & Billet, 1892a, 614–615 (in cattle; Tonkin).—Gomy, 1897a, 374, 375.—Looss, 1899b, 634; 1907, Feb. 1, 126 (in ox; Cao Bang, Tonkin).—Rail. & Marotel, 1898, 30, 31, 32.—Stiles, 1898a, 57 (syn. of *Dicrocoelium pancreaticum*).—Ward, 1895, 332 (in *Bos taurus*).
- coleostomum* Looss, 1896b, 101–106, 154, pl. 7, figs. 66–68 (in pelican; Egypt); 1899b, 578, 581, 585 (type of *Ascocotyle*).—Braun, 1901b, 34.—Vaullegeard, 1901, 143 (*colostomum*).
- collurionis* (Schränk, 1790) Zed., 1803, 211.—Cobbold, 1860a, 15.—Dies., 1850a, 396.—Rud. 1809a, 430; 1819a, 119.—Stoss., 1892, 179.
- colostomum* Vaullegeard, 1901, 143 (for *coleostomum*).
- colubri* (Bosc, 1802) Rud., 1809a, 434–435 (in *Coluber sp. americana*).—See *bosci*.
- colubri americanæ* Rud., 1819a, 121 (*colubri*, 1809, renamed).—Cobbold, 1859d, 364 (syn. of *D. bosci*).—Dies., 1850a, 398 (includes *Fasc. colubri* Bosc).—Sons., 1892, 92.
- colubri murorum* Rud., 1819a, 121 (in *Coluber murorum*).—Dies., 1850a, 367 (syn. of *D. allostomum* Dies.).—Duj., 1845a, 452.—Stoss., 1895, 230.
- colubri natricis intestinale* Rud., 1809a, 433–434; 1819a, 103 (syn. of *D. mentulatum* Rud.) (in *Coluber natrix*).—Dies., 1850a, 355 (syn. of *D. ment.*).
- colubri natricis pulmonale* Rud., 1809a, 434; 1814a, 103; 1819a, 99, 377 (syn. of *D. naja* Rud.) (in *Coluber natrix*).
- colubri tessellati* Rud., 1819a, 121 (in *Coluber tessellatus*).—Dies., 1850a, 355 (syn. of *D. mentulatum* Rud.).
- columbæ* Mazzanti, 1889a, 161–165 (in *Columba livia*; Pisa), teste Par., 1894, 145; 1890, 139.—Braun, 1902b, 117.—Hass., 1896a, 2, 3 (syn. of *Mesogonimus commutatus* (Dies.)).—Sons., 1889, 283.
- commune* Olss., 1867, 31–32 (in *Labrus*).—Braun, 1891d, 424 (in *Crenilabrus griseus*).—Lint., 1901, 415, 485, 486.—Looss, 1901d, 399.—Odhn., 1901, 485, 486, 487, 494, 495, 499, 500, 503, 508; 1905, 321.—Sons., 1891, 257, 258 (in *Crenilabrus griseus*, *Labrus mixtus*).—Stoss., 1886, 32.—Also reported for *Anguilla vulgaris*, *Cottus bubalis*, *C. scorpius*, *Crenilabrus melops*, *Labrus maculatus*, *L. sp.*
- commune* Hausmann, 1896?, 24.—Looss, 1899b, 571 (possibly identical with *Crepidium angusticolle*).
- commutatum* Dies., 1858e, 339–340 (*D. dimorphum*, 1852, 555, pl. 16, 1 [not Dies.] renamed) (t. h. *Phasianus gallus*; Pisa).—Anacker, 1887c, 513.—Braun, 1893a, 874; 1900, 25; 1900h, 19, pl. 1, figs. 1, 2; 1902b, 116.—Caruccio, 1886, 293.—Cobbold, 1860a, 15.—Hass., 1896a, 2, 3 (to *Mesogonimus*).—Landois, 1882, 23.—Looss, 1899b, 650 (perhaps a *Clinost.*).—Mont., 1893, 155.—Rail., 1890, 131.—Schneidemuehl, 1896, 303 (*kommutatum*).—Sons., 1889, 11; 1889, 282–283; 1890, Feb. 15, 138.—Stoss., 1892, 175 (to *Mesogonimus*).
- compactum* Cobbold, 1859d, 363, pl. 63, figs. 1–3 (in lung, *Viverra mungos*); 1861, 118; 1864, 16, fig. 2; 1879, 299, 419; 1884g, 976.—Braun, 1892a, 663; 1893a, 876; 1899g, 492, to *Paragonimus*; 1901e, 329, 330, 333, 334.—Kerbert, 1878a, 272.—Mont., 1893, 83, 155.—Sons., 1884, 19.—Stiles & Hass., 1890a, 605, to *Paragonimus*.—Stoss., 1892, 31 (to *Mesogonimus*).—Also reported for *Mungos fasciatus*.
- complanatum* Rud., 1814a, 103–104 (in *Ardea cinerea*; Berlin); 1819a, 98, 376–377, 680.—Braun, 1893a, 873; 1899g, 465, 485, 486, 489 (specimens from Pavia and Cagliari, as syn. of *Clinost. heterost.*), 490; 1900h, 14, 15, 17, 18, 19, 23, to *Clinost.*, 24, 25, 26, 27, 28, 29, 30; 1900, 141; 1901, 561.—Cobbold, 1860a, 9.—Dies., 1850a, 338 (to *Dist.*), (t. h. *Ardea cinerea*; Berlin), 354.—Duj.,

DISTOMA—Continued.

- 1845a, 399–400 to (*Dicrocoelium*).—MacCallum, 1899, 697, 706.—Olfers, 1816, 44.—Par., 1887, 23 (syn. of *D. hians*) (to Clinost.); 1887, 489.—Stoss., 1892, 160.
- complanatum* from *Ardea cinerea* and *Nycticorax griseus*, labeled *complanatum* (= *hians*) of Genueser Sammlung, from Pavia and Cagliari, are according to Braun, 1900h, 19, identical with Clinost. heterost.
- complanatum* Erc. of Par., 1894, 144, and Ward, 1895, 341, from *Canis fam.*, misprint for *campanulatum*.
- complexum* Stiles & Hass., 1894e, 425–426, pl. 1, figs. 3–4, to (*Dicrocoelium*) (in *Felis catus dom.*; U. S. A.); 1894f, 89–91.—Braun, 1900h, 16.—Looss, 1896, 58; 1899b, 565 (to *Metorchis*).
- complicatum* Mehlis, 1846, 141 (in *Haliaëtus carbo*).—Crep., 1846, 141.
- concauum* Crep., 1825a, 45–47, 83, figs. 7–8 (in *Colymbus rufogularis*); 1837, 310, 314, 318; 1846, 138, 141, 145, 146.—Braun, 1893a, 874, 879; 1900h, 6; 1901, 564.—Cobbold, 1860a, 11.—Dies., 1850a, 340–341.—Duj., 1845a, 448.—Jacoby, 1900, 22, 23.—Jegers., 1898, 9, 10, 12, 14, 16.—Kowal., 1894, 2; 1895, 350.—Looss, 1899b, 586 (to *Tocotrema*); 1900, 607, type of *Cryptocotyle*.—Luehe, 1899, 539 (type of *Cryptocotyle*).—Mueh., 1898, 4, 19–21, 27, 80–83, figs. 6, 20, 26.—Stoss., 1892, 158; 1897, 10; 1898, 42.—Reported for *Alca torda*, *Anas clangula*, *A. fusca*, *A. glacialis*, *A. hornschuchii*, *A. marila*, *Bucephala clangula*, *Colymbus cristatus*, *Fuligula marila*, *Harelda glacialis*, *Larus glaucus*, *Mergus merganser*, *M. serrator*, *Podiceps nigricollis*.
- confusum* Looss, 1894a, 2, 17, 83, 84, 91, 92, 93, 95, 96, 99, 101–104, 105, 106, 108, 113, 126, 135, 137, 149, 150, 159, 167, 177, 179, 180, 181, 182, 191, 192, 197, 210, 211, 212, 214, 216, 217, 227, 228, 230, 234, 256, 263, pl. 2, figs. 33–35, pl. 8, figs. 164, 167 (*D. clavigerum* of Duj., 1845a, 404 (in *Rana esculenta*; Paris, Rennes), renamed; includes also *D. clavigerum*, ex parte, and *endolobum* e. p., of Pag., and *clavigerum* of Pachinger); 1893b, 810, 811; 1894d, 17; 1896b, 88, 91, 92, 93, 94, 95; 1898a, 460, fig. 2; 1899b, 556, 614, 616, 622, 623 (type of *Prosoctocus*).—Luehe, 1901p, 169.—Mueh., 1898, 23.—Nickerson, 1900, 814, 815.—Stiles, 1901, 197.
- conicum* Polonio, 1859, teste Par. 1894, 627 [see also *Diplost. conicum*].—Anacker, 1892c, 94.
- conis* Crep. (misprint for *D. conus* Crep., in Perroncito, 1886, 250).
- coniunctum* Rivotla, 1884, 26, for *conjunctum*, 1860.
- conjunctum*^a Cobbold, 1860a, 8 (t. h. American *Canis fulvus*); 1860, 349; 1861, 118; 1864, 20–22, pl. 2; 1873, 81; 1876, 210; 1879b, 28, 30–34, 299, fig. 56; 1883, 401, fig. 16.—R. Bl., 1888a, 612–614 (two (all to date) human infections, review), figs. 314–315, 631; 1891, 610 (syn. of *D. conus*).—Braun, 1883a, 65–66; 1892a, 642, 663, 748; 1893, 349, 352; 1893a, 874, 882; 1893f, 386, 389, 425; 1894i, 605; 1895b, 147–148, 151, fig. 65; 1903, 3 ed., 163 (of Cunningham and McConnell, renamed *Opisthorchis neverca*), 164, fig. 113 (from *Canis fulvus*).—Brunet, 1902a, 125.—Dunglison, 1893, 338.—Fitz, 1876b, 517.—Gamb., 1896a, 63.—Hackley, 1886, 519.—Hahn & Lefèvre, 1884a, 545–546 (= *sinense*).—Huber, 1896a, 578 (= *O. neverca*).—Ijima, 1889b, 146.—Jamison, 1897a, 74.—de Jong, 1887a, 57; 1896a, 2.—Kamensky, 1900a, 17, 23.—Kholodk., 1898, 26, 29–30, pl. 11, fig. 13.—Kuech. & Zuern, 1881, 335.—Leuck., 1889, 355, figs. 162–163.—Lewis & Cunningham, 1872, 168.—Linst., 1873, 100.—Looss, 1899b, 565 (to *Metorchis*); 1905, 90 (of Lewis & Cunningham, syn. of *O. neverca*).—Maddox, 1867, 95.—Manson, 1901, 540 (in *Homo*); 1903, 3 ed., 635, fig. 98 (McConnell in an East Indian, 1874, apparently of but slight pathological importance).—McConnell, 1875, Aug. 21, 271–274, figs. 1–3; 1875, Oct., 772–780, figs. 1–3; 1876, Mar. 4, 343–344, figs. 1–3; 1876, Apr., 242–246, figs. 1–3 (case in man); 1876, July, 314–317; 1878, Mar. 30, 343, 476.—Moniez, 1896, 86, 122–125, 137.—Mont., 1893, 83 (*coniunctum*), 95.—Mosler & Peiper, 1894, 178.—Neumann, 1892, 529–530, fig. 284.—Perroncito, 1882, 285; 1886, 250, 297.—Rail., 1886, 297; 1893a, 365 to (*Brachylaimus*).—Schneidemuehl, 1896, 302 (*kongenitum*).—Simon, 1897, 209, 223–224.—Sons., 1889, 276, 277, 278, 280; 1889, 281 (syn. of *D. conus* Crep.).—Stiles, 1904i, 34 (to *Metorchis*).—Stiles & Hass., 1894e, 429–430, pl. 3, figs. 13–15 (consider form from man

^a All references to "*Distoma conjunctum* Cobbold" as a parasite of man are based upon the findings of Cunningham, McConnell, and Lewis, and refer in reality to *Opisthorchis neverca*, q. v.

DISTOMA—Continued.

- distinct).—Stoss., 1892, 24–25 (syn. of *D. conus*).—Tyson, 1903, 3 ed., 1180.—Ward, 1895, 238 (man, dog), 328 (Homo), 341 (in *Canis familiaris*).—Wood & Fitz, 1897, 335.
- conjunctum* of Lewis and Cunningham, in Homo, India; see *Opisthorchis noverca*.
- conoideum* (Bloch, 1782) Rail., 1886, 297; 1893a, 366 (syn. of *D. echinatum* Zed.; includes excavatum Rud., 1819, echiniferum La Val., 1855, ? militare Rud., 1809; cf. *Cerc. echinatoides* Fil., *C. echinifera*, *C. spinifera*); in ducks, geese, swan, etc., and dog.—Ward, 1895, 341 (in *Canis familiaris*).
- conostomum* Olss., 1876, 17–18, pl. 3, fig. 37 (in *Coregonus oxyrrhynchus*).—Braun, 1892, 45; 1892a, 663, 699, 711, 722; 1893a, 872; 1901b, 9, 10, 12.—Looss, 1899b, 605, thinks it a *Spathidium*; 1901l, 558.—Luehe, 1900aa, 507.—Mont., 1893, 95, 102.—Odhn., 1902, 65, 67.—Stoss., 1886, 22, 62 (in *Coregonus oxyrrhynchus*).
- constrictum* Mehlis, in Creplin, 1846, 142, 143 (in *Anas mollissima*, *A. nigra*).—Crep., 1846, 142, 143.—Dies., 1850a, 397.—Stoss., 1892, 180.—Reported also for *Anas fusca*.
- constrictum* Leared, 1862, 271–273, fig. 21 (in edible turtle).—Braun, 1892a, 569, 763, 764; 1893a, 876 (in *Chelone mydas*); 1893d, 467; 1899b, 715 (= *D. mistroides*).—Cobbold, 1879b, 35.—Laveran & R. Bl., 1895, 104.—Leuck., 1861, 79.—Looss, 1899b, 554, 656 (type of *Hapalotrema*).—Moniez, 1896, 143.—Mont., 1896, 144, renamed *mistroides*.—Stoss., 1895, 230.
- constructum* Staff., 1900, 407, misprint for *D. constrictum* Leared.
- continuum* Ariola, 1899, 6–8, pl. 1, fig. 6 (in *Carcharias rondeletti*; Genova).—Linst., 1903, 354.
- contortum* Rud., 1819a, 118, 424–425 (in *Orthogoriscus mola*; Naples), 595.—Bellingham, 1844a, 427.—Braun, 1892a, 578; 1893a, 872, 910.—Cobbold, 1879b, 458.—Crep., 1837, 310, 311.—Dies., 1850a, 394; 1858e, 353 (in *Orth. mola*).—Drago, 1902, v. 15, 20; 1904, v. 79, 4 pp., 1 fig.; 1904, v. 17, 720.—Drumond, —, 240.—Duj., 1845a, 469.—Kroyer, 1852–53a, 745 (in *Orth. mola*).—Linst., 1898, 528–530, pl. 48, figs. 3–7; 1901, 415 (in *Mola mola*), 422, 466.—Looss, 1894a, 165, 190; 1899b, 631 (type of *Accacaelium*).—Luehe, 1900, 487.—Mont., 1888a, 7, 8, 12; 1888, 198, 199; 1891, 110; 1893, 13, 14, 19, 22, 23, 27, 29, 30, 32, 33, 34, 36, 37, 40, 44, 46, 47, 61, 64, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 90, 93, 94, 95, 97, 102, 107, 108, 113, 115, 119, 120, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 150, 152, 169, pl. 1, fig. 12, pl. 3, figs. 16, 22, 25, 26, 32, pl. 4, figs. 33–37, pl. 8, figs. 123 (type of *Accacaelium*); 1896, 151, 153.—Olss., 1876, 17.—Sons., 1890, 140 (in *Orth. mola* L.); 1891, 265.—Stoss., 1896, 190, to (*Podocotyle*).
- conum* Huber, 1896a, 578 (refers to Stoss., syn. of *D. conjunctum*=*O. noverca*); see *conus* Crep.
- conus* Crep., 1825, 50–53 (in *Felis catus* dom., *Canis vulpes*); 1837, 310; 1839, 286, 288.—Baillet, 1866b, 105 (includes *Amphist. truncatum* Rud.).—R. Bl., 1891, 610 (syn. *D. conjunctum*).—Braun, 1892a, 580, 613, 663, 699; 1893a, 875; 1893f, 382, 383, 384, 386, 387, 388, 389, 390, 391, 424 (of Sons. in dogs and cats in Italy, syn. of *D. felineum*); 1893g, 802 (= *Amphist. truncatum* Rud.).—Cobbold, 1875n, 819 (*Distoam*); 1884g, 976.—Dies., 1850a, 404 (syn. of *Amphist. truncatum*); 1858e, 349–350 (in *Canis vulpes*; *Felis catus* dom.) (to Dist.).—Duj., 1845a, 331, 440.—Hahn & Lefèvre, 1884a, 538.—Hilgendorf, 1870, 566–567.—de Jong, 1896a, 2, 3, 4, 6.—Kamensky, 1900a, 5.—Leuck., 1863a, 589.—Linst., 1878a, 43, 44.—Moniez, 1896, 136, 139.—Sons., 1889, 273, 276, 277, 278, 279, 280, 281 (syns. *Amphist. truncatum* Dies., *D. campanulatum* Erc., *D. conjunctum* Cobbold, *D. felineum* Rivolta, *D. truncatum* Erc.); 1890, v. 7 (3), 15 Feb., 134–138.—Stoss., 1892, 24, 25 (includes *D. truncatum* Erc., *D. conjunctum* Cobbold, *Amphist. truncatum* Dies.) (in *Vulpes vulgaris*; *Canis fulvus*, America; *Canis familiaris*, Pisa; *Felis domestica*).—Wagener, 1857, 102, pl. 22, figs. 1, 2; 1858, 102.—Ward, 1895, 341 (see *D. truncatum*) (in *Canis familiaris*).
- conus* of Gurlt, 1831, 193, 373–375, pl. 8, figs. 34–36 (nec Crep., 1825).—Braun, 1893f, 383, 384, 385, 386, 387, 389, 390, 422 (syn. of *D. felineum*); 1903, 3 ed., 157 (syn. of *Opisthorchis felineus*).—Dies., 1858e.—de Jong, 1896a, 10.—Rail., 1893a, 361 (= *D. fel.*).—Ward, 1895, 243 (syn. of *D. fel.*), 328 (in Homo), 341 (in *Canis* fam.); 1903, 869 (syn. of *Opisth. fel.*).
- conus* of Sons., 1889 (sub *D. truncatum*), see *felineus*.—Braun, 1892, 580, 613, 663, 699; 1893, 874; 1893e, 348, 349, 350, 352; 1893f, 386, 424.

DISTOMA—Continued.

- convolutum* Brand., MS. in Braun, 1901f, 565, in *Platalea ajaja*; 1902b, 24 (syn. of *Mesaulus grandis*).
- cornifrons* Leidy, 1878, 382–383 (in *Donax fossor*).
- cornu* Zed., 1800a, 180–181, pl. 2, fig. 1–3 (in *Ardea cinerea*; Europe).—Dies., 1850a, 327 (to *Monost.*).—Nord., 1840, 627 (to *Amphist.*).—Rud., 1809a, 346 (to *Amphist.*).
- coronarium* Cobbold, 1861e, 119 (in *Alligator mississippiensis*; died in England); 1864, 17; 1879b, 455 (All. miss.).—Braun, 1892a, 699; 1899, 630; 1901b, 34.—Looss, 1896b, 114, 117, 118; 1899b, 575, 581, to *Acanthost.*—Luehe, 1899, 532.—Par., 1896, 7–9, fig. 3, to (*Echinost.*).—Pavesi, 1881, 294.—Stoss., 1895, 230; 1899.—Also reported for *Crocodylus americanus*.
- coronatum* Rud., 1819a, 686 (in *Didelphis? virginiana*; Brazil).—Braun, 1900, 27; 1901e, 318, 319, 320, 323.—Cobbold, 1879b, 432.—Dies., 1850a, 400 (to *Rhopalophorus*).—Duj., 1845a, 425.—Looss, 1899b, 581.—Stiles & Hass., 1898a, 93, 96 (type of *Rhopalias*).—Stoss., 1892, 30–31 (to *Echinost.*).
- coronatum* Wagener, 1852, 567–569, figs. 4–6 (in *Corvina nigra*; Nice).—Braun, 1892a, 579, 583, 643; 1901b, 34, 1901, 568; 1902b, 28, 30, 31.—Carus, 1884, 127.—Dies., 1856, 64; 1858e, 352 (in *Corvina (Sciana) nigra*).—Looss, 1899b, 578, 581, 582, 583, type of *Anoiktost.*—Mont., 1893, 84 (? of Dies. or of Wag.).—Stoss., 1885, 157; 1886, 37.
- coronatum* Rentsch, 1860, 38, pl. 11, fig. 2a, 41 (in *Gasterosteus spinachia*).
- corpulentum* Lint., 1905, 327, 334, 378, 382, figs. 180–182 (in *Lagodon rhomboides*, *Orthopristis chrysopterus*; Beaufort, N. C.).
- corrugatum* Duj., 1845a, 409–410 (in *Sorex tetragonurus*; Rennes), to (*Brachylaimus*).—Braun, 1901e, 341, 342.—Cobbold, 1879b, 296.—Dies., 1850a, 360.—Stoss., 1892, 13.
- corvinæ* Stoss., 1886, 46–47, pl. 7, fig. 29 (in *Corvina nigra*; Trieste); 1886, 36; 1898, 56; 1899, 15.—Braun, 1892a, 579; 1902b, 31.—Looss, 1899b, 578, 581.—Mont., 1893, 83.
- coryphænæ* (Bosc., 1802) Rud., 1809a, 436–437 (includes *Fasc. fusca* Bosc., 1802; *F. cory.* Bosc., 1802; *F. caudata* Bosc., 1802; *F. coryphænæ hippuridis* Tilesius); 1819a, 122, 685 (in *Coryphæna hippuris*).—Baird, 1853a, 60 (syn. of *Hirudinella ventricosa*).—Cobbold, 1879b, 460 (*coryphenæ*), 461 (*coryphœnæ*).—Dies., 1850a, 367 (syn. of *D. clavatum* Rud.), 373 (syn. of *D. tornatum* Rud.).—Poir., 1885, 6.
- coryphenæ* Cobbold, 1879b, 460, for *coryphænæ*.
- coryphænæ* Cobbold, 1879b, 461, for *coryphænæ*.
- [*costæ* D. Valle (a tunicate).]
- cranum* Huber, 1896a, 575, misprint for *crassum*=*buskii*.
- crassicaudatum* Busch, 1851, 99–100, pl. 15, fig. 13 (in *Sagitta*).—Wagener, 1860, 166.
- crassicolle* Rud., 1809a, 378–379 (in *Salamandra atra*) (*Fasc. salamandræ Frœlich*, renamed); 1819a, 102, 385–386.—Baird, 1853a, 52.—Braun, 1892a, 603, 681; 1893a, 881; 1895b, 128, fig. 45.—Cobbold, 1860a, 18.—Crep., 1837, 316; 1846, 147, 148.—Dies., 1850a, 356; 1858, 339 (in *Triton marmoratus*).—Duj., 1845a, 404–405, to (*Brachycœlium*).—Kampmann, 1894b, 454, 457.—Kerbert, 1881a, 536, 573.—Linst., 1887, 97, 98.—Looss, 1894a, 1, 82, 83, 84; 1899b, 611, 612, 613, 614, 618; 1902m, 705, 769, 773, 774, 816, 821, 822 (type of *Brachycœlium*).—Luehe, 1899, 536; 1900, 562, 563.—Minot, 1878a, June 11, 1–12, pl. 1, figs. 1–17.—Mont., 1888a, 25, 38.—Olfers, 1816, 45.—Par., 1896, 2; 1896, 13–16 to (*Dicrocœlium*) (includes *D. enterarchos* Fil., *D. salamandrinae perspicillatæ* Sons.).—Pontallié, 1853, 211–219.—Stiles, 1901, 196, 198, 199, 200, 201, 202.—Stiles & Hass., 1898a, 83, 97 (type of *Brachycœlium*).—Stoss., 1889, 63; 1895, 214–215; 1897, 9; 1898, 32.—Ziegler, 1883, 545.—Also reported for *Anguis fragilis*, *Rana temporaria*, *Salamandra maculosa*, *Salamandrina perspicillata*, *Triton alpestris*, *T. cristatus*, *T. punctatus*, *T. tæniatus*.
- crassiusculum* Rud., 1809a, 373, 408–409, 429 (in *Falco melanaetus*) (*Plan. bilis* Braun renamed); 1819a, 112.—Braun, 1891d, 424 (in *Circus æruginosus*); 1892a, 583, 584, 610, 663; 1893a, 875; 1893, 353; 1893f, 426; 1901, 561; 1902b, 8, 10.—Cobbold, 1860a, 15.—Crep., 1837, 326; 1846, 129.—Dies., 1850a, 376 (includes *D. felleum falconis chrysaëti* Viborg); 1858e, 353 (in *Falco buteo*).—Duj., 1845a, 441–442.—Linst., 1873, 99.—Looss, 1896b, 58; 1899b, 677 (to

DISTOMA—Continued.

- Metorchis).—Mont., 1893, 15.—Mueh., 1898, v. 1, 21, 23–24, 87–89, fig. 1.—Olfers, 1816, 46.—Stoss., 1890, 50; 1892, 151.—Wedl, 1857, 244–245, pl. 1, fig. 4.—Also reported for *Aquila chrysaetos*, *Archibuteo lagopus*, *A. vulgaris*, *Buteo vulgaris*, *Circus æruginosus*, *C. rufus*, *Colymbus septentrionalis*, *Falco albicilla*, *Mergus serrator*, *Nyctea nivea*.
- crassum* Sieb., 1836, 234 (in *Hirundo urbana*) (“Hoden — zwischen dem Porus anticus und posticus verborgen”); 1848, 143.—Braun, 1893a, 874; 1902b, 46, 94–95.—Crep., 1837, 327, 328; 1846, 133.—Dies., 1850a, 397.—Leuck., 1863a, 587.—Looss, 1899b, 557.—Poche, 1907, 126.—Stoss., 1892, 156.—Also reported for *Hirundo domestica*.
- crassum* Cobbold, 1860a, 5–6 (*buskii* Lankester, renamed; in *Homo*); 1864a, 192–194, fig. 42; 1866, 6; 1875i, 423; 1876g, 285–296, 1 fig.; 1876h, 210, 211; 1876i, 297–305, 1 fig.; 1879b, 17, 20–28, 421, 480, fig. 2; 1883, 401; 1884g, 976.—Aitken, 1866, 804, 839; 1872, 146, 205; 1874, 58.—Anders, 1903, 6 ed., 1245.—Aschoff, 1892, 495.—Bassi, 1875b, 507.—Biermer, 1863a, 395 (*grassum*).—Braun, 1883a, 62–63; 1902b, 95; 1903, 3 ed., 153 (syn. of *Fasciolopsis buskii*); 1906, 159, fig. 90.—Brunet, 1902a, 125.—[Budd, 1845, 399, fig. 20; 1846, 390, fig. 20; 1846, 444; 1852, 484, fig. 20; 1857, 494, fig. 20.]—Busk, 1859.—Clarke, 1894b, 244–245, fig. 21.—Dav., 1877a, lxxvii, 258–259.—Dunglison, 1893, 338, 820.—Eichhorst, 1901a, 301.—Gamb., 1896a, 63.—Hackley, 1886, 518, fig. —, 882.—Hahn & Lefevre, 1884a, 541–542, 544.—Harley, 1864a, 62.—Hoyle, 1890, 538.—Huber, 1896a, 575 (*cranium*).—Jackson, 1888, 653.—Jacob, 1891a, 1287.—Jamieson, 1897a, 73.—Kholodk., 1898, 30, pl. 11, fig. 15.—Leidy, 1891, 234; 1904a, 239–241 (includes *Fasc. magna*).—Leuck., 1863a, 526, 586–588, fig. 196; 1876, v. 2 (3), 870, 871.—Looss, 1899b, 557, to *Fasciolopsis*; 1905, 110 (syn. of *Fasciolopsis buskii*); 1907, Feb. 1, 124.—Manson, 1880, May, 66; 1901, 440, 543; 1903, 3 ed., 631, 639.—Moniez, 1896, 114, 115.—Mosler & Peiper, 1894, 176.—Oppenheim, 1900, 181.—Packard, —, 522.—Rail., 1893a, 363–364 (includes *D. buskii* Lankester, 1857; *D. (Dicrocoelium) buskii*).—Roberts, 1888, 673.—Simon, 1897, 223 (*cranium*).—Sinclair, 1891, Dec. 26, 1468.—Smith, 1881, July, 14 [= ? *Tænia solium* or *T. saginata*].—Stoss., 1892, 27 (syn. of *D. rathouisi* Poir.).—Verrill, 1870, 171.—Vogt, 1878, 10, 14.—Wagner, 1883, 121.—Walker, 1891, 5 Oct., 1205, figs. 1–2.—Ward, 1895, 328 (syn. of *D. buskii*); 1903, 867 (syn. of *Fasciolopsis buskii*).—Wood & Fitz, 1897, 335.
- crassum* Olss., 1876, 25, pl. 4, figs. 27–28 (in *Hirundo urbana*) [nec Sieb., 1836].—Braun, 1902b, 46 (? syn. of *Plagiorchis maculosus*), 94, 95.—Looss, 1899b, 557 (? syn. of *maculosum* Rud.).
- crassum* Cobbold, of Leidy, 1891, p. p., 234; 1904a, 239–241 (in *Cervus virginianus*, *Bos taurus*).—Stiles, 1898a, 51 (syn. of *Fasc. magna*).—Ward, 1895, 253, 332, 335, 338 (in *Bos taurus*, *Ovis aries*, *Equus caballus*) (p. p. syn. of *Fasc. magna*); 1903, 866.
- crenatum* (Rud., 1802 [nec Frølich, 1802]) Rud., 1809a, 387 401, 404–405, pl. 5, fig. 1 (in *Gasterosteus aculeatus*); 1810a, 376; 1819a, 110 (syn. of *D. appendiculatum* Rud.).—Dies., 1850a, 371 (syn. of *D. app.*).—Lander, 1904a, 1 (to *Hemirurus*).—Luehe, 1901, 399 (extensive synonymy), 401 (not Rud., 1810, 376, from *Salmo salar*), 402.—Mont., 1891, 497, 522.—Odhn., 1905, 352 (type of *Brachyphallus*).—Olfers, 1816, 46.—Wagener, 1860, 166, 183 (in *Gast. ac.*).
- crenatum* Mol., 1859, 840–842, pl. 1, fig. 3 (in *Centrolophus pompilius*; Padua).—Braun, 1893a, 873.—Carus, 1884, 125.—Looss, 1899b, 640 (to *Hemirurus*).—Luehe, 1901, 399 (not Rud.), 402 (cf. *D. excisum* Rud.).—Odhn., 1905, 352 (to *Brachyphallus*).—Stoss., 1886, 14; 1898, 27.
- [*cristallinum* Ren. (a tunicate).]
- crustatum* Rud., 1819a, 117–118, 422–423 (in *Stromateus fiatola*; Arimini).—Carus, 1884, 128.—Cobbold, 1860a, 37.—Crep., 1837, 311.—Dies., 1850a, 393.—Duj., 1845a, 432.—Mont., 1893, 193.—Stoss., 1886, 47.—Also reported for *Hippocampus brevis* Stris.
- croaticum* Stoss., 1889, 183–184, pl. 4, figs. 5–7 (in *Carbo graculus*; Fiume, Croazia); 1890, 131; 1892, 165 (to *Echinost.*).—Braun, 1891d, 421; 1892a, 763, 765; 1893a, 911.—Reported for *Carbo cormoranus*.
- crocodili* Poir., 1886, 30–32, pl. 1, figs. 4–5 (in *Crocodilus siamensis*).—Braun, 1892a, 722.—Looss, 1899b, 575, 578.—Mont., 1893, 43, 83, 86, 95, 102.
- crotali* Humboldt [an arachnoid, now in *Porocephalus*].—Dies., 1836, 21; 1850a, 612 (syn. of *Pentast. proboscideum*).—Leidy, 1850b, 97 (syn. of *Pentast.*

DISTOMA—Continued.

- prob.); 1904a, 32.—Nord., 1840, 645 (to *Porocephalus*).—Rud., 1809a, 433.—Stiles, 1891a.
- crotali durissi* Rud., 1809a, 433 (for *crotali*), 434; 1814a, 103; 1819a, 124 (syn. of *Pentast. proboscideum*).
- crucibulum* (Rud., 1819) Duj., 1845a, 435, to (*Crossodera*) (in *Muraena conger*; M. cassini).—Dies., 1850a, 322 (to *Monost.*).—Tennent, 1906, 640 (to *Gasterost.*).
- cryptobothrium* Ben., 1870, 1871a, 31, pl. 5, fig. 16 (in *Trigla gurnardus*; Belgium).
- crystallinum* Rud., 1819a 100, 380–382, 595 (in *Rana esculenta*, *R. temporaria*, *Bufo viridis*, *B. igneus*, *Vipera berus*; Berlin).—Bettend., 1897, 308, 311, fig. 28, fig. 4; 1897a, 4, 7, pl. 1, fig. 4.—Brand., 1888a, 14.—Braun, 1893a, 875.—Dies., 1850a, 352 (to *Dist.*); 1858e, 338.—Duj., 1845a, 453–454.—Hannover, 1864a, 3 (*chrystallinum*).—Pag., 1857, 39, 46, pl. 4, fig. 6 (in *Frosch*).
- cteniceps* Leidy MS. in Stiles & Hass., 1894d, 249 (manuscript name found in bottle containing parasite of *Muskrat*, published as *D. echinatum*; see Leidy, 1888, 126–127) (in *Fiber zibethicus*).
- cucumerinum* Rud., 1809a, 360–361 (in *Avis riparia*; gen. sp. incert.); 1819a, 94.—Braun, 1899f, 465–468 (is a *Monost.*); 1901, 561.—Dies., 1850a, 338 (to *Dist.*).—Olfers, 1816, 44.—Stoss., 1902, 9, 32 (to *Typhlocelum*).
- cuneatum* Rud., 1809a, 358–359 (in *Otis tarda*); 1819a, 93 (Greifswald).—Anacker, 1892c, 94.—Braun, 1893a, 877; 1893d, 467; 1901, 13, 15; 1901, 561; 1902b, 69, 72, 73, 74, 79 (= *D. ovatum* autt. (nec *D. ov.* Rud.); Fasc. ov. Rud. part) (to *Prosthogonimus*).—Cobbold, 1860a, 9.—Crep., 1846, 134.—Dies., 1850a, 336 (to *Dist.*) (in *Otis tarda*; *Gryphæ*, Rud., intestine) (in *Pavo cristatus*, Gurlt).—Duj., 1845a, 445.—Looss, 1899b, to *Prosthogonimus*.—Luehe, 1905, 159.—Olfers, 1816, 44.—Schneidemuehl, 1896, 303 (*kuneatum*).—Stoss., 1892, 180.
- cuspidatum* Looss, 1896b, 97–101, 104, pl. 7, figs. 64–65 (in *Milvus parasiticus*; *Matarieh*); 1899b, 578, 581, 584 (type of *Centrocestus*).—Braun, 1901b, 34.
- cyclopteri* Rud., 1809a, 438 (in *Cylopterus lumpus*); 1819a, 121.—Dies., 1850a, 373 (syn. of *Dist. reflexum*), 398.—Stoss., 1886, 47.
- cygni oloris* Dies., 1858e, 344 (syn. of *D. echinatum*), based on Bellingham, 1844a, 427.
- cygnoides* Zed., 1800a, xxiv, 163, 175–176 (in *Rana esculenta*); 1803a, 213.—Baird, 1853a, 51.—Ben., 1858a, 1861a, 189, 203, 214.—Bensley, 1897a, 326–331, figs. 1–6 (2 forms); 1897, 293.—Braun, 1883a, 56; 1892a, 569, 634, 635, 698, 711, 712, 761, 762, 764, 768, 773, 776, 780, 782, 783, 785, 788, 790, 797, 798, 806; 1893a, 854, 865, 876, 882; 1893d, 467; 1895b, 18, 129; 1899g, 492 to *Phyllodist.*; 1901b, 9, 10, 12; 1902b, 22.—Cobbold, 1858b, 162; 1860a, 15; 1872b, 91; 1879b, 49, 454.—Crep., 1837, 310, 323, 324, 326.—Desmonceaux, 1868, 21.—Dies., 1850a, 342 (includes *D. hylæ* Rud.); 1858d, 272; 1858e, 334 (to *Dist.*) (*Cerc. (Acanthocephala) macrocerca*) (adult in *Pelophylax esculentus*; *Bombinator igneus*; *Dendrohyas viridis*; *Rana temporaria*; *R. pipiens*; *R. palustris*; *R. halcina*; *Salamandra maculata*; *S. (Amblystoma) rubra*; *S. salmonea*; young in *Pelophylax esculentus*; larva in *Cyclas cornea*).—Duj., 1838a, 7 (*embryo*); 1838c, 47; 1845a, 396–397 to (*Dicrocoelium*).—Fil., 1855b, 24, 25; 1857c, 32.—Florance, 1866a, 6, 12.—Fraip., 1880c, 418.—Gamb., 1896a, 72.—Hahn & Lefèvre, 1884a, 516.—Kampmann, 1894b, 446.—Kerbert, 1881a, 566, 575.—Kowal., 1894, 3.—Leidy, 1851b, 207; 1856, 44; 1904a, 48–49 (in *Rana pipiens*, *Salamandra maculata*, *S. (Amblyostoma) rubra*), 87 (in *R. palustris*, *R. halcina*, *S. salmonea*).—Leuck., 1863a, 511; 1886d, 40.—Linst., 1873, 1 (young = *Cerc. macrocerca* Fil.); 1887, 97, 101.—Looss, 1885b, 24; 1892a, 125; 1893b, 813, 815; 1894a, 2, 23, 56–64, 82, 110, 125, 127, 136, 137, 138, 153, 154, 159, 162, 168, 169, 174, 178, 182, 184, 189, 200, 201, 204, 206, 211, 215, 216, 227, 230, 244, 251, 253, 256, 269, 275, pl. 1, figs. 23–26, pl. 6, figs. 124–132 (in *Bombinator igneus*; *Hyla arborea*; *Rana esculenta*; *R. temp.*); 1896b, 46; 1899b, 605–606, type of *Gorgodera*, 607; 1902m, 784, 807, 810, 846, 851.—Loschge, 1875, 10–14, pl. 1, figs. a–e.—Luehe 1900, 558; 1901, 58.—Miescher, 1840c, 39–42 (in *R. esc.*).—Mol., 1859, 833 (in *Pelophylax esculentus*; *Padua*).—Mont., 1888a, 40, 80 (*cignoides*); 1893, 82, 148, 149; 1896, 166.—Moul., 1856, 48, 99, 161 (*Cerc. macrocerca* is larva of; teste Fil.).—Mueh., 1898, 27–28.—Nord., 1840, 617 (*sygnoides*, misprint).—Odhn., 1902, 64, 65.—Olfers, 1816, 44.—Osborn, 1903, 256.—Pachinger, 1883, 46 pp.—Pag., 1857, 28, 30, 44–46, 47, 52, pl. 6, fig. 1 (in green frog).—Par., 1887, 60; 1887, 332–333; 1887, 490.—Rossbach, 1906, 377, 388.—Rud., 1809a, 367–368; 1819a, 96, 370–371.—Schuberg, 1875, 169.—Sieb.,

DISTOMA—Continued.

- 1835, 66, 82; 1842, 298.—Sons., 1890, 136; 1893, 187 (cygnoidis) (in *Rana* esc.); 1893, 217.—Ssinitzin, 1905, 33, 34; 1906, 682 (in *Rana temporaria*, *R. esculenta*; Warschau) (of Looss, named *Gorgodera loossi*; of Pag., renamed *G. pagenstecheri*), 684.—Staff., 1900, 405, 409; 1902, 18 Dec. (American), 411, 412, 421, 482, to (*Gorgodera*) (in frogs and toads), 895; 1903, 15 Dec., 901; 1905, July, 51–52.—Stiles, 1896, 205.—Stoss., 1889, 60.—Valentin, 1841, 51–54.—Will.-Suhm, 1870, 4.—Wagener, 1857, 26, 27, 29–30, 34, 35, 40, 42, 43, 44, 45, pl. 30, fig. 1, pl. 31, fig. 1, pl. 32, fig. 36A, 7.—Walter, 1866, 64.—Reported also for *Dendrohyla viridis*, *Bombinator* sp.; *Bufo igneus*, *B. vulgaris*, *Cyclas*, *Limnæa* sp.; *Piscidium*; *Rana catesbiana*, *R. clamitans*, *R. virescens*, *Salamandra maculosa*.
- cygnoides* var. A. of Bensley, 1897a.—Staff., 1902, 419–421 (syn. of *Gorgodera amplivaca*).
- cygnoides* var. B. of Bensley, 1897a.—Staff., 1902, 417 (syn. of *Gorgodera simplex*).
- cygnoides ranæ* Wagener, 1857, 19–24.
- cygnoidis* Sons., 1893, 187, for *cygnoides*.
- cylindraceum* Zed., 1800a, 164, 188–190, pl. 4, figs. 4–6 (in *Rana esculenta*); 1803a, 217.—Baird, 1853a, 51.—Bellingham, 1844a, 424.—Ben., 1858a, 1861a, 193.—Bettend., 1897a, 4, 5, 7, 10, pl. 1, fig. 6; 1897, 308, 309, 311, 312, 314, pl. 28, fig. 6.—Blochmann & Bettend., 1895a, 217, fig. 2.—Brand., 1891c, 730; 1891d, 7, 12.—Braun, 1890d, 568; 1892a, 568, 586, 589, 593, 597, 599, 602, 608, 635, 640, 641, 643, 671, 677, 682, 683, 684, 685, 698, 703, 707, 717, 719, 726, 729, 733, 737, 751, 754, 759, 760, 762, 763, 768, 773, 780, 783, 785, 788, 790, 806; 1893a, 865, 876, 882, 910.—Cobbold, 1858b, 162 (in *Rana temporaria*); 1860a, 17.—Crep., 1837, 310, 323, 326.—Dies., 1850a, 368 (includes *Fasc. subclavata*); 1858e, 351 (in *Rana oxyrrhinus*; *R. platyrrhinus*).—Duj., 1845a, 395–396.—Galli-Valerio, 1898n, 371–373; 1899b, 186–187; 1901c, 365 (in *Rana esculenta*).—Gamb., 1896a, 72.—Hausmann, 1897b, 14.—Hofmann, 1899, 196.—Jackson, 1888, 650 (reproductive system).—Knoch, 1862, 101.—Kowal., 1894, 3; 1895, 372–390, pl. 8, fig. 9.—Linst., 1887, 97; 1890f, 173–191, 2 pls., figs. 1–39; 1891a, 241–242; 1904, 254.—Looss, 1885b, 6; 1893b, 811, 815; 1894a, 1, 2, 7, 37 (*cylindraceum*), 64–71, 72 (of Pachinger, 1888, syn. of *D. variegatum*), 73, 74, 75, 76, 77, 85, 86, 87, 115, 119, 125, 127, 135, 139, 144, 146, 148, 159, 163, 167, 175, 180, 181, 191, 192, 194, 199, 206, 215, 220, 221, 227, 230, 242, 268, pl. 2, figs. 39–42, pl. 7, figs. 147–152, pl. 8, 163 (includes *Fasc. subclavata*) (in *Hyla arborea*; *Rana* esc.; *R. temp.*); 1899b, 556, 559–600 (type of *Haplometra*); 1902m, 620.—Luehe, 1899, 533.—Mont., 1888a, 73; 1893, 25, 27, 33, 36, 42, 43, 48, 61, 83, 91, 102, 106, 107, 108.—Moul., 1856a, 49.—Mueh., 1898, 26.—Nord., 1840, 617, 620 (to *Fasc.*).—Olfers, 1816, 46.—Olss., 1876, 14; 1893, 10.—Pag., 1857, 43, pl. 5, figs. 3, 4 (in brown frogs).—Rhumbler (1895), v. 4, 553–554.—Rud., 1809a, 336, 349, 393–394; 1819a, 106.—Schauinsland, 1882, 496, 497.—Sieb., 1835, 82; 1852, 1, 16.—Sons., 1893, 187 (in *Rana* sp.).—Staff., 1902, 909.—Stoss., 1889, 65.—Swammerdam, 1737, 315.—Volz, 1899, 232.—Walter, 1866, 64.—Ziegler, 1883, 488; 1883, 546, pl. 33, fig. 26.—Reported for *Bufo vulgaris*; *Ilybius fuliginosus*; *Limnæa ovata*; *Rana fusca*; *R. oxyrrhinus*; *R. palustris*; *R. platyrrhinus*.
- cylindraceum* Zed. of Pachinger, 1888.—Looss, 1894a, 71, 72 (syn. of *D. variegatum* Rud.).
- cylindricum* (Goeze, 1782) Mayer, 1841a, 26, 34.—Looss, 1894a, 71 (syn. of *D. variegatum*).
- cylindricum ranæ* Mayer, 1841a, 18–19, pl. 3, figs. 13, 17.
- cymbiforme* Rud., 1819a, 96, 371 (in *Testudo mydas*; Arimini).—Braun, 1893a, 876 to *Phyllodist.*; 1893d, 467; 1899b, —, 715, 720–721; 1899g, 492 (to *Phyllodist.*); 1901b, 9, 10, 11, 12; 1902b, 19.—Carus, 1884, 129.—Cobbold, 1860a, 18.—Dies., 1850a, 342 (in *Halichelys atra*).—Duj., 1845a, 451.—Looss, 1899b, 605 (to *Spathidium*); 1901b, 202, 203, 204, 205, 207 (resembles *Spathidium* = *Phyllodist.*, but lacks pharynx, hence was made type of a new genus, *Plesiochorus*); 1901, 557; 1902m, 411, 469, 476, 477, 478, 481 (to *Plesiochorus*).—Mont., 1896, 165 (*cimbiforme*).—Odh., 1902, 37; 1902, 64, 65, 67.—Par., 1846.—Sons., 1893, Feb. 5, 2; 1893, 183, 184, 185 (in *Chelonia caretta*).—Stoss., 1895, 38, pl. 4, fig. 1; 1895, 215–216; 1897, 9; 1898, 34–35.—Reported for *Chelone caretta*; *C. mydas*; *Chelonia midas*; *Thalassochelys caretta*; *T. corticata*).
- cymbuliæ* delle Chiaje (1841a), 109, fig. 29?—Pag., 1862, 298.

DISTOMA—Continued.

- cyprinaceum* Zed., 1800a, 164, 181–183 (intest. Cyprinorum).—Dies., 1850a, 341 (syn. of *D. globiporum*).—Looss, 1894a, 41 (syn. of *D. glob.*); 1902m, 763 (and *Sphærost. glob.*).—Rud., 1809a, 365, 367.—Stiles, 1901r, 168.
- cyprini idi (peritonei)* Dies., 1858e, 367 (based on Duj., 1845a, 463) (as ? syn. of *Tetracotyle echinata*) (in *Leuciscus idus*, *Acerina cernua*).
- cysticola phalangii opilionis* Dies., 1855, 64, based on Crep., 1846, 156, see *cystidicola*.
- cysticum* Crep., 1846a, 159 (in *Planorbis* sp.), refers to Henle, 1835, 597.—Also reported for *Planorbis marginatus*, *Nepheleis vulgaris*.
- cystidicola* Crep., 1846a, 156 (in *Phalangium opilio*); 1851, 304.—Dies., 1858e, 356 (in *Phal. opilio*).
- dactyliferum* Braun, 1892a, 568, for *dactylipherum*.
- dactylipherum* Poir., 1885, 10, pl. 23, fig. 3 (in *Argonauta*).—Braun, 1889a, 395 (dactyliferum); 1892a, 568 (dactyliferum); 1893a, 873.—Buttel-Reepen, 1902, 167, 172, pl. 6, fig. 14.
- deflectens* Rud., 1819a, 677–678, 745 (in *Sylvia* sp., *Motacilla* sp.; Brazil).—Braun, 1901, 561, 563; 1902b, 101 (to *Dicrocoelium*), 102.—Cobbold, 1860a, 12.—Dies., 1850a, 347 (in *Thryothorus hypoxanthus*; Brazil).—Duj., 1845a, 433–444.—Stoss., 1892, 180; 1892, 38.
- delicatulum* Rud., 1809a, 373–374 (in *Anas sponsa*); 1819a, 99.—Blainv., 1828a, 585 (to *Fasc.*).—Braun, 1893a, 875; 1901, 561.—Cobbold, 1860, 10.—Dies., 1850a, 352–353.—Duj., 1845a, 449.—Kowal., 1897b, 1, 2 [reprint]; 1898h, 132.—Olfers, 1816, 44.—Odh., 1900, 19.—Stoss., 1892, 180.—Also reported for *Cygnus olor*.
- deliciosum* Olss., 1893, 10, pl. 1, figs. 16–18 (in *Larus argentatus*).—Odh., 1900, 12, 13; 1905, 311 (to *Gymnophallus*).
- delphini* Poir., 1886, 34–36, 37, pl. 4, figs. 1–3 (in *Delphinus delphis*).—Braun, 1892a, 673; 1893a, 874, 910; 1893, 354; 1900g, 251.—Looss, 1894a, 204; 1899b, 560 (to *Brachycladium*).—Mont., 1888a, 12, 38; 1893, 44, 45, 83, 86, 102, 107.—Stiles, 1895l, 219, pl. 8, figs. 1–3.—Stoss., 1892, 10 (to *Cladocœlium*).
- dendricum* Ben., 1870, 36, for *dendriticum*.
- dendriticum* Rud., 1819a, 93, 364–365 (in *Xiphias gladius*).—Ben., 1870, 36.—Carus, 1884, 131.—Cobbold, 1860, 22.—Darr, 1902, 698.—Dies., 1850a, 336.—Duj., 1845a, 460.—Jacoby, 1900, 10, 11.—Kroyer, 1838–40a, 597 (in *Xiphias gladius*).—Looss, 1899b (to *Dicrocoelium*).—Par., 1896, 16–18, fig. 6 to (*Dicrocoelium*).—Stoss., 1886, 47.
- dentatum* Lint., 1900a, 269, 283, 289, 294, pl. 39, figs. 64–67 (in *Paralichthys dentatus*); 1901b, 415, 421, 451, 483; 1905, 328, 334, 369, 372, 374, 396, 411, 413, 415 (in *Coryphæna equisetis*, *Lophopsetta maculata*, *Micropogon undulatus*, *Paralichthys albiguttus*, *P. dentatus*, *Pomatomus saltatrix*, *Rachycentron canadus*; Beaufort, N. C.).—Odh., 1905, 331.
- denticulatum* (Rud., 1802) Rud., 1809a, 424–425, pl. 5, fig. 3 (in *Anas clypeata*, *Sterna hirundo* to (*Echinost.*); 1819a, 116, 419.—Crep., 1837, 311.—Dies., 1850a, 391–392.—Duj., 1845a, 430.—Olfers, 1816, 47.—Stoss., 1892, 170 to *Echinost.*—Also reported for *Anas sponsa*.
- depressum* Polonio, 1859 (in *Triton cristatus*; Padua) teste Par., 1894, 149.—Braun, 1892a, 579, 663.
- depressum* Stoss., 1883, 118, pl. 3, fig. 10 (in *Dentex vulgaris*; Trieste); 1886, 24; 1898, 39–40.—Carus, 1884, 130.
- detruncatum* (Braun, 1899) Braun, 1900h, 28 (in *Mycteria americana*), 33 to *Clinest.*, 35 (from *Tantalus loculator*) to (*Clinest.*), 39.
- dicorynum* Dies., 1850a, (359, *D. affine*), 680, *affine* renamed (in *Lampris guttatus*).—Ben., 1870, 34.—Kroyer, 1838–40a, 598.—Stoss., 1886, 47.
- dictyotus* Mont., 1893, 156 (includes *D. reticulatum* Looss, 1885 [nec Wright]).—Braun, 1900, 26.—Looss, 1894a, 171.—MacCallum, 1899, 705.—Stiles & Hass., 1898a, 86 (*D. reticulatum* Looss, 1885 [nec Wright, 1879], (type of *Mesogonimus*)).
- didelphidis* Par., 1896, 3–5, fig. 1a (in *Didelphys azaræ*).—Luehe, 1899, 532.—Stoss., 1904, 2 (*didelphydis*).
- didelphydis* Stoss., 1904, 2, for *didelphidis*.
- diesingi* Braun, 1901, 561, 563, for *diesingii*.

DISTOMA—Continued.

- diesingii* Cobbold, 1860a, 14 (D. cochlear Dies., renamed; in *Sterna cantiaxa*, S. minuta; Brazil).—Braun, 1901, 561, 563 (diesingi); 1902b, 56, 58 (syn. of *Microlistrum cochlear* (Dies., 1850a)).—Stoss., 1892, 179 (syn. of D. cochlear).
- diffusocalciferum* Gastaldi, 1854, 5-6, pl. 1, figs. 4-5 (in *Rana esculenta*).—Braun, 1893a, 870.—Cobbold, 1860a, 18.—Dies., 1855, 64 footnote (D. diffusocalciferum ranæ esculentæ); 1858e, 336 (in *Pelophylax esculentus*).—Stoss., 1889, 69.
- diffusocalciferum ranæ esculentæ* Gastaldi of Dies., 1855, 64 footnote (see D. diffusocalciferum Gastaldi).
- dilatatum* Fischer de Waldheim, 1840, 158 (in *Gallus communis*; Vilnæ).—Anacker, 1887c, 513.—Baillet, 1866b, 105.—Braun, 1893a, 874.—Caruccio, 1886b, 293.—Cobbold, 1879b, 440.—Crep., 1846, 134.—Dies., 1850a, 383-384.—Hahn & Lefèvre, 1884a, 516 (of *Miram.*).—Hass., 1896a, 2, 3 (syn. of *Echinost. echinatum* (Zed.)).—Landois, 1882, 23.—Linst., 1873, 106.—Stoss., 1892, 167 (syn. of *Echinost. ech.* (Zed.)); 1898, 52.—Verrill, 1870, 179.
- dilatatum* Schneidemuell, 1896, 303, misprint for dilatatum.
- dimidiatum* Crep., 1829, 55-56 (in *Acipenser sturio*).—Dies., 1850a, 372 (syn. of D. grandiporum Rud.).—Duj., 1845a, 470.—Mehlis, 1831, col. 176-177.—Mol., 1859, 826 (D. grandiporum Rud.).—Odhn., 1905, 360 (syn. of *Derogenes varicus* (Mueller) Odhn.).
- dimorphum* [see below] Dies., 1850a, 353-354 [contains D. marginatum Rud., 1819a, 680, and Duj., 1845a, 446] (in *Salmo carapus*, *Geophagus poppoterra*, *Chaetobranchius flavescens*, *Crenichichla johanna*, C. lepidota; Ardea, *Ciconia americana*, C. mycteria, Ardea cocoi; Brazil); 1855c, 55-56, pl. 3, figs. 1-6; 1855, 363; 1858e, 338.—Braun, 1892a, 699, 735; 1893a, 865, 871, 872, 873, 874; 1893, 354; 1899g, 485, 486, 490; 1900c, 25, 26, 28-29; 1900h, 4, 18, 25, 32, 33, 34, 36, 42; 1902b, 116.—Cobbold, 1860a, 10.—Gamb., 1896a, 72 (in Ardea ciconia; Brazil).—Looss, 1899b, 651 (from Ardea cocoi; Brazil).—MacCallum, 1899, 697, 706, 707.—Mont., 1893, 155 (in Gallo comune).—Sons., 1889, 283.—Stoss., 1886, 25; 1892, 181.—Also reported for *Carapus brachyurus*, *Hydrolichus scomberoides*.
- dimorphum* Dies., 1850a, 354, pars (in Ardea cocoi, A. sp., Mycteria americana; in Brazil, collected by Natterer).—Braun, 1899g, 490, is Clinost. marginatum (Rud., 1819a); type is no. 1493, Berlin Museum; and nos. 343, 750, and 831, Vienna Museum; 1900h, 25.
- dimorphum* Dies., 1850a, 353, pars, in Tantalus loculator; in Brazil, collected by Natterer.—Braun, 1899g, 490, is Clinost. sorbens Braun n. sp.; type is no. 878, Vienna Museum; 1900h, 34.
- dimorphum* Dies., 1850a, 354, pars, in Ciconia americana, Mycteria americana; in Brazil, collected by Natterer.—Braun, 1899g, 490, is Clinost. detruncatum Braun n. sp.; types are nos. 750 and 882, Vienna Museum; 1900h, 32.
- dimorphum* Dies., 1850a, 353, 354, pars, in Ardea cocoi; in Brazil, collected by Natterer.—Braun, 1899g, 490, is Clinost. dimorphum (Dies.) Braun; types are nos. 832 and 879, Vienna Museum. [Braun erroneously says n. sp.]; 1900h, 36.
- dimorphum* of Wagener, 1852, 555-557, pl. 16, fig. 1 (from chicken) [nec Dies.].—Braun, 1900c, 25; 1900h, 18 (= D. commutatum Dies.).—Dies., 1858e, 339 (renamed D. commutatum; in Phasianus gallus); 1855, 64, footnote 4.—Hass., 1896a, 3 (syn. of Mesogonimus commutatus (Dies.)).—Rail., 1893a, 371 (to Mesogonimus).
- distichum* (Mueller, 1776) Zed., 1803a, 215 (in fish).—Cobbold, 1860a, 29.—Dies., 1850a, 378-379.—Rud., 1809a, 402, 440-441; 1819a, 123.
- divergens* Rud., 1809a, 371-372, 395 (in Blennius viviparus), Fasc. blennii Mueller, renamed; 1819a, 97, 372-373, 676.—Braun, 1892a, 636, 637, 640, 643, 646.—Carus, 1884, 129.—Cobbold, 1860a, 23.—Dies., 1850a, 337, 344.—Duj., 1845a, 461.—Fraip., 1880b, 106, 107, 265 (in Zoarces viviparus); 1881b, 2-4, 24; 1883a, 37.—Harz, 1881c, 5.—Kampmann, 1894b, 447, 449, 459, 460, 461.—Knoch, 1894a, 10.—Kroyer, 1838-40a, 138, 368, 583 (in Zo. vivip. Linn., Cottus scorpius Linn.).—(Lamouroux, 1824, 863).—Looss, 1885b, 20.—Mont., 1888a, 42, 43, 44, 45, 46; 1893, 62.—Nord., 1840, 619.—Olfers, 1816, 45.—Stoss., 1886, 47.—Also reported for Blennius cornutus, B. gattorugine, B. tentaculatus.
- dubium* (Leidy, 1856) Dies., 1858e, 336.—Stoss., 1892, 181 (includes D. leidyi Cobbold).

DISTOMA—Continued.

- dujardinii* Cobbold, 1860a, 29 (D. soleæ Duj., renamed) (in *Solea vulgaris*).
- duplicatum* Baer, 1826a, 124; 1827b, 558–570, pl. 29, figs. 1–15 (in *Anadonta ventricosa*, A. anatina).—Braun, 1892a, 769, 770; 1893a, 838; 1893b, 184.—Cobbold, 1879b, 453, 454.—Crep., 1837, 310, 325, 326.—Dies., 1836, 240; 1850a, 293 (renamed *Rhopalocerca tardigrada*; *Regiomontii*); 1855a, 380, 384; 1858d, 241, 271.—Desmonceaux, 1868, 22.—Erc., 1881e, 37, 45; 1882a, 273, 281.—Fil., 1854a, 9, 26; 1855b, 7, 20, 22, 24; 1856a, 263, 265; 1857c, 25, 27, 29, 31, 32.—Florance, 1866a, 12.—Keber, 1851a, 90.—Kuech., 1856c, 269, 277.—Lampert, 1894.—Laveran & R. Bl., 1895, 105.—Leuck., 1863, 509, 765.—Levin., 1881a, 81.—Looss, 1894a, 17, 23, 63, pl. 4, fig. 78 (syn. of *Cerc. Dist. folii*, C. folii, young of D. folium).—Moul., 1856a, 14, 21, 51, 56, 78, 82, 120, 129, 139, 143 (to *Cerc.*), 177.—Mueh., 1898, 11.—Nord., 1832a, 57; 1840, 548, 617, 630, 631.—Pag., 1857, 6, 7, 8, 9, 28–30, 46, 52, pl. 6, fig. 14 (in *Anadonta cygnea*); 1862, 299, 300, 301, 302, 304.—Reuss, 1902, May 19, 375–377; 1902, July, 405–406; 1903, 458–477, pl. 23, figs. 1–21; 1903, Nov. 26, 206; 1905, July 3, 63–64.—Rossbach, 1906, 420, 431.—Sieb., 1835, 56; 1854, 109, note 2.—Steenstrup, 1842, 51–55, 56.—Tennent, 1906, 651, 653.—Wagener, 1857, 22, 36, 45, 51, pl. 24.—Ziegler, 1883, 540.
- echeneidis remoræ* Rud., (1821–28) 163 (in *Echeneis remora*).—Braun, 1893a, 875.—Dies., 1855, 64, footnote 16; 1858e, 356 (in *Echeneis remora*).—Stoss., 1886, 47.
- echinata* (Sieb., 1837) Ben., 1861, 89–92, pl. 11, figs. 1–8, in *Limneus auricularis*; L. ovatus; L. stagnalis; Physa; Cyclas cornea.
- echinatoides* Dies., 1858d, 263, syn. of *Cerc. (Nephrocephala) megacotyla*, for *echinatoides anodontæ*.
- echinatoides anodontæ* Pag., 1857, 32 (t. h. *Anadonta cygnea*).—Dies., 1858d, 263 (syn. of *Cerc. (Nephrocephala) megacotyla*).
- echinatum* Zed., 1803a, 220–221 (D. anatis Gmelin, 1790) Zed., 1800, renamed; made to include *Cucullanus conoideus* 1782, *Festucaria anatis* 1788, F. boschadis 1790.—Anacker, 1887c, 513.—Baillet, 1866b, 96, 105.—Baird, 1853a, 55.—Bellingham, 1844a, 426.—Ben., 1858a, 1861a, 89–92, pl. 11, figs. 1–8 (syn. *Cerc. brunnea*, C. echinata); 1868, 296.—Braun, 1883b, 28; 1883a, 70, fig. 14; 1892a, 585, 595, 633, 722, 797, 807; 1893a, 821, 861, 863, 865; 1893b, 182.—Bremser, 1824c, 134; pl. 10, fig. 4–5; 1828, 134 (of birds).—Crep., 1837, 310, 311, 312, 316, 326; 1839a, 289; 1846, 134, 141, 142, 144, 145.—Cobbold, 1860a, 33.—Dies., 1836, 240; 1850a, 344, 345, 346, 383, 398 (includes *Cucullanus conoideus*, D. anatis; D. excavatum (*Nycticorax*) Rud.; D. gruis; D. radiatum Duj.?; Fasc. anatis; F. gruis; *Festucaria boschadis*; Plan. teres poro simplici); 1858d, 261, 263 (larval stage=*Cerc. ech.*); 1858e, 344–345 (adult in *Anas boschas dom. & fera*; A. anser; A. cygnus fer.; A. clangula; A. clypeata; A. ferina; A. fuligula; Ardea comata; A. gardeni; A. grus; A. marila; A. moschata; A. nycticorax; A. nyroca; A. olor; A. pavonia; A. penelope; A. strepera; A. tadorna; Ciconia nigra; Carbo cormoranus; C. pygmaeus; Podiceps cristatus; P. minor; Stat. juven. in *Fringilla domestica*; larva in *Paludina vivipara*; *Lymnæus stagnalis*; *Planorbis corneus*) (syn. *Cerc. (Nephrocephala) ech.*); 1859c, 433 (includes as hosts: *Cyclas cornea*; *Belgia*; *Lymnæus auricularis*; L. ovatus; L. stagnalis; *Physa*).—Desmonceaux, 1868, 22.—Duj., 1845a, 426–427.—Erc., 1881e, 29, 31, 48, 52, 88; 1882a, 265, 267, 284, 288, 324 (syn. *Cerc. ech.*).—Fil., 1854a, 19; 1855b, 25.—Florance, 1866a, 12.—Fraip., 1880c, 418.—Gamb., 1896a, 63, 72.—Generali, 1881a, 614–615 (in dogs) [Erc.]; 1882a, 70–71.—Giebel, 1857, 265.—Hahn & Lefèvre, 1884a, 516 (of Ben.) (in Canara).—Harz, 1881c, 4.—Hass., 1896a, 2, 3 (to *Echinost.*).—Kastenbaum, 1899, 244, fig. 33, 5, 34, 7.—Kowal., 1894, 3; 1895, 351–352, pl. 8, figs. 1–3, 12a, 13; 1896d, 7 (257) (in *Corvus cornix*; *Anas crecca*; *Dublany*).—Leidy, 1888, 126; 1904a, 211.—La Valette, 1855, 32.—Leuck., 1863, 82, 498, 526, figs. 143, 144, 178, 180; 1879, 15, 102, 107; 1886d, 11, 76, 80.—Linst., 1873, 1, 98, 101, 105–106 (young stage=*Cerc. ech.* Sieb.) (in *Anas boschas*); 1884, 139; 1894b, 333 (in *Bythia ventricosa*, *Physa fontinalis*, *Valvata macrostoma*, *Lymnæa palustris*).—Looss, 1892a, 14; 1893b, 813, 814; 1894a, 2, 119, 120, 124, 159, 168, 169, 170, 172, 215, 230, pl. 6, figs. 114, 115–117, pl. 9, figs. 191–192; 1895c, 74, 75; 1896b, 10; 1899b, 556; 1902m, 804, 805, 810, 811, 822.—Lutz, 1892a, 785.—Mégnin, 1884, 53.—Mol., 1858, 290; 1861, 216.—Mont., 1888a, 14, 24, 40.—Moul., 1856a, 190 (larva is *Cerc. ech.*, teste La Valette).—Nathusius, 1835, 53.—Nord., 1832a, 47, 90, 98 (in Barsch); 1840, 621 (syn. of *Fasc. trigonocephala*).—Pag., 1857, 244–251 (experimental

DISTOMA—Continued.

- infections); 1858, 5-6; 1859, 58, 60.—Par., 1887, 489.—Rail., 1893a, 366.—Rud., 1809a, 418-420 to (Echinost.), 431, 432; 1814a, 102; 1819a, 115, 121, 416-417, 685-686.—Schneidemuehl, 1896, 303.—Schlotthauber, 1860, 129.—Sieb., 1835, 57; 1854, 23.—Sons., 1890, 134.—Stiles & Hass., 1898a, 87, 96 (type of Echinost.).—Stoss., 1890, 51; 1891, 111; 1892, 167 (to Echinost.); 1898, 52.—Tasch., 1879, 71.—Verrill, 1870, 179.—Ward, 1895, 341 (in *Canis familiaris*; duodenum).—Wedl, 1857, 245-246, pl. 1, figs. 5-6.—Zuern, 1882, 207.—Also reported for *Anas clypeata*; *A. querquedula*; *Anser cinereus dom.*; *Ardea grus*; *A. nycticorax*; *Aythya americana*; *Colymbus minor*; *Cygnus musicus*; *C. olor ferus*; *Fiber zibethicus*; *Fuligula ferina*; *F. marila*; *F. nyroca*; *Hausente*; *Limnæa*; *Paludina vivipara*; *Phasianus gallus*.
- echinatum* (Zed.) of Wedl, 1858, 245, pl. 1, fig. 5, from *Phalacrocorax carbo* is, according to Looss, 1899b, 681, a misdetermination.
- echiniferum* (La Valette, 1855) La Valette, 1855, 32.—Braun, 1892a, 772.—Cobbold, 1879b, 454.—Dies., 1858d, 261, 262, 263 (larval stage=*Cerc. (Nephrocephala) echinatosides*); 1858e, 345-347 (in *Stat. juven.* in *Fringilla domestica*); 1859c, 433 (syn. *D. militare* Ben., 1858a, 84, in *Scolopax gallinago*; *Mergus merganser*; *Podiceps minor*; *Anas boschas*).—Erc., 1881e, 29, 31; 1882a, 265, 267.—Moul., 1856a, 201.—Rail., 1893a, 366 (syn. of *D. echinatum*).—Stoss., 1892, 171 (to Echinost.).—Ward, 1895, 341 (syn. of *D. echinatum*) (in *Canis familiaris*).—Zuern, 1882, 207.
- echiniferum paludinae* Pag., 1857, 30-32, 52, pl. 2, figs. 5-6 (in *Paludina vivipara*); on 55, descr. of pl. 2, *echiniferum*.
- [*echinocephala* Crep., 1837a, 326, as name of a group of distomes; quotes Nitzsch.]
- echinocephalum* Rud., 1819a, 115, 418 (in *Falco milvus*) to (Echinost.) (contains *D. milvi* Rud., 1809a, 429).—Braun, 1893a, 874.—Dies., 1850a, 385 (syns. *D. milvi*; *Fasc. milvi*; *Plan. latiuscula* Gœze).—Duj., 1845a, 425.—Stoss., 1892, 173 to Echinost.
- echiuri* Greef, 1879a, 130 (in *Echiurus pallasi*).—Braun, 1893a, 869; 1893d, 468.
- elegans* (Rud., 1802) Rud., 1809a, 375-376; 1819a, 100.—Braun, 1901, 561, 564, 567; 1902b, 38-39, 40 (Vienna no. 362 from *Fringilla coelebs* = *pars Urog. mac.*; no. 363 from *F. montana* = *pars Plagiorchis* = *D. cirratum* Rud.), 41, 42, 45, 47, 48, 49 (to *Plagiorchis*) (syn. of *Urogonimus macrostomus*).—Cobbold 1860a, 12.—Crep., 1829, 59-63; 1837, 313, 316.—Dies., 1836, 240; 1850a, 349-350 (includes *D. erraticum* Rud.).—Duj., 1845a, 414-415 to (*Brachylaimus*).—Fil., 1855b, 8.—Mehlis, 1831, 179.—Mueh., 1896, 589.—Olfers, 1816, 44.—Schlotthauber, 1860, 129.—Sieb., 1835, 56.—Stoss., 1892, 153; 1892, 11 to (*Brachylaimus*); 1904, 2.
- elephantis* Dies., 1858, 354 (based on Jackson, 1847, 317; in *Elephas indicus*) (to *Cladocœlium*); 1858e, 354 (in *Elephas indicus*).—Cobbold, 1860a, 8-9 [see *Fasc. jacksoni* Cobbold]; 1879b, 394.—Fitz, 1876b, 513.—Stoss., 1892, 9 (to *Cladocœlium*).—Jackson, 1847, 317 [see *Fasc. jacksoni* Cobbold].
- ellipticum* Mol., 1858, 130 (in *Acipenser nasus*; *Patavii*); 1861, 216-217, pl. 3, figs. 1, 4.—Carus, 1884, 126.—Dies., 1850a, 351; 1858e, 351 (in *Ac. nasus*).—Stoss., 1886, 41, to (Echinost.).
- elongatum* Mehlis, 1831, 177 (in *Larus argentatus*, *L. marinus*, *L. ridibundus*).—Crep., 1837, 316; 1846, 139.—Dies., 1850a, 397.—Stoss., 1892, 181.—Also reported for *Chroocephalus ridibundus*.
- embryo* Olfers, 1816, 110, fig. 16 (in *Perca vulgaris*, *P. cernua*).—Cobbold, 1860a, 26; 1879b, 458.—Dies., 1850a, 365 (includes *D. longicollis* Crep.).—Kroyer, 1838-40a, 579 (in *Acerina cernua*).—Stoss., 1886, 48.
- [*endemica* Sons., 1884, 17-21 (not as specific name but refers to *Dist. ringeri* endemic in Japan and Formosa).]
- endemicum* Bælz, 1883, 235 (sub. *D. hepatis*).—Braun, 1893b, 187; 1893, 349, 352; 1893f, 386, 425 (syn. of *D. japonicum* R. Bl.).—Corlette, 1897a, 146.—Dunglison, 1893, 338.—Hoyle, 1890, 538.—Huber, 1896a, 577.—Ijima, 1886a, 47-59, pl. 7, figs. 1-9; 1887a, 596; 1888a, 213-215; 1889b, 137.—Jamieson, 1897b, 147 (syn. of *D. sinense*).—Katsurada, 1891c, 151-155.—Laspeyres, 1904a, 6.—Lockwood, 1901, 2 ed., 821.—Looss, 1907, Feb. 1, 141-147.—Mont., 1888a, 25, 36, 52, 58, 60.—Rail., 1890, 143.—Simon, 1897, 223.—Sons., 1889, 278, 279, 280, 282 (syn. *D. japonicum* Bl.) (in *Felis dom.*).—Stiles, 1904i, 35 (syn. of *Opisthorchis sinensis*).—Stoss., 1892, 23-24 (syns. *D. sinense*, *D. spatulatum* Leuck.).—Reported also for *Homo sapiens*, China, Giappone,

DISTOMA—Continued.

- Bengal, Tonkin, Corea, Formosa; *Felis domestica*).—Tyson, 1903, 3 ed., 1180 (syn. of *D. sinense*).—Ward, 1903, 870 (syn. of *Opisthorchis sinensis*).
- endemicum hepatis* St. Remy, 1883, 528–529, fig. 3.—La Clínica de Málaga, 1883, 309.—Cf. *hepatis endemicum*.
- endobolium* Mont., 1891, 110, for *endolobum*.
- endolobium* Gurlt, 1845a, 288, 290 (for *endolobum*).
- endolobum* Duj., 1845a, 397 (in grenouilles vertes et rousses et la salamandre; Rennes).—Brand., 1892, 506.—Braun, 1889a, 355; 1892a, 598, 642, 700, 701, 715, 718, 719, 797, 806; 1893a, 818, 824, 860, 861, 865, 916; 1893b, 182.—Buetschli, 1872, 234–236, pl. 8.—Cobbold, 1860a, 17; 1879b, 454.—Dies, 1850a, 388–389; 1858d, 252 (larva is *Cerc. (Acanthocephala) armata* Sieb.); 1858e, 348, 349 (adult in *Salamandra maculosa*, Rhedoni; *Pelophylax esculentus*, Heidelbergæ; *Rana temporaria*; larva in *Planorbis corneus*, Paludina impura, *Lymnaeus stagnalis*); 1859c, 434 (*Cerc. armata*).—Engel, 1866a, 8.—Erc., 1855a; 1881e, 21, 82, 84; 1882a, 257, 318, 320.—Fil., 1857c, 32.—Florance, 1866a, 11.—Gamb., 1896a, 72.—Harz, 1881c, 4.—Juel, 1889, 15.—Kampmann, 1894b, 446–454, 457, 461, 462, pl. 20, figs. 19–23.—Kath., 1889a, 146.—Kerbert, 1881a, 572.—Kowal., 1894, 3.—Lander, 1904a, 16.—Linst., 1873, 1 (young is *Cerc. armata*); 1887, 97–101, 102, pl. 2, figs. 1–2 (syn. *D. rastellus*); 1894b, 332–333 (larva in *Phryganea flavicornis*, *Limnophilus rhombicus*, *L. griseus*, *Anabolia nervosa*, *Ephemera vulgata*, *Chloëon dipterum*).—Looss, 1885b, 24; 1892, 66; 1893b, 815; 1894a, 2, 19, 26, 82, 83, 84–90, 94, 95, 122, 123, 124, 137, 140, 149, 150, 158, 159, 179, 181, 187, 188, 189, 190, 191, 202, 206, 207, 208, 214, 215, 216, 230, 231, 240, 245, 249, 259, 264, 270, pl. 2, figs. 27–29, pl. 7, figs. 153–156, pl. 8, figs. 157–162, pl. 9, figs. 176–186 (syns. *D. rastellus*; *D. retusum* Duj. of Ben.; *Fasc. ranæ*); (reported for *Bufo vulgaris*, *B. variabilis*, *B. calamita*, *Rana esculenta*, *R. temporaria*, *Triton cristatus*); 1896b, 95; 1899b, 589, type of *Opisthioglyphe*; 1905, 21 (*Fasc. ranæ*).—Mont., 1891, 110 (*endobolium*); 1893, 28, 83.—Mueh., 1898, 28.—Olss., 1893, 11.—Pag., 1857, 19, 41, 52, pl. 5, fig. 1 (in green frogs).—Schwarze, 1885, 67.—Sons., 1893, 188 (in *Rana esc. L.*).—Staff., 1900, 404, 406; 1902, 724.—Ziegler, 1883, 557.—Also reported for: *Gammarus pulex*, *Limnophilus rhombicus*, *Triton alpestris*.
- enterarchos* deFil.—Par., 1896, 13, syn. of *D. crassicolle* Rud.
- epatico* Galli-Valerio, 1893a, 178, 181, pl. 2, figs. 3, 4.
- ercolani* Mont., 1893, 40, for *ercolanii*.
- ercolanii* Mont., 1893, 40, 42, 43, 83, 86, 95, 98, 102, 188, pl. 6, fig. 67.—Braun, 1901b, 13 (includes *D. signatum* Erc. [not Duj.]), 15, 16.—Looss, 1899b, 567 (in all probability identical with *Telorchis linstowi*).—Luehe, 1899, 528, 529, 530.—Rizzo, 1902, 28.—Stoss., 1895, 223–224, to (*Dicrocoelium*); 1904, 1 (includes *D. signatum* Erc. [not Duj.], in *Tropidonotus viperinus*, 5–6 (to *Telorchis*).—Volz, 1899, 235, 237.—Reported also for *Tropidonotus natrix*.
- erinacei* (Bl., 1847) Braun, 1889, 343.
- erinaceum* Poir., 1886, 37–38, pl. 4, fig. 6 (in *Delphinus delphis*).—Braun, 1892a, 643; 1893a, 870.—Looss, 1899b, 590 (probably an *Astia*).—Mont., 1893, 83, 86, 105, 106, 107.—Stoss., 1892, 22, to (*Dicrocoelium*).
- eriocis* (Mueller, 1788) Zed., 1803a, 212.—Dies., 1850a, 363 (syn. of *D. hyalinum* Rud.).—Rud., 1809a, 389.
- erraticum* Rud., 1819a, 120 (in *Fringilla linaria*, *Motacilla alba*, *Parus cœruleus*, *P. major*, *P. palustris*, *P. pendulinus*).—Braun, 1902b, 38 (of Linst., 1894, 335, syn. of *Plagiorchis elegans* Rud.), 42.—Dies., 1850a, 350 (syn. of *D. elegans* Rud.), 361 (syn. of *D. macrostomum* Rud.).—Duj., 1845a, 443.—Erc., 1881e, 73; 1882a, 309.—Kowal., 1896d, 3 (253) (in *Picus major*; *Dublan*).—Linst., 1894b, 335–336 (in *Parus major*).—Luehe, 1899, 531 (probably a *Plagiorchis*).—Stoss., 1892, 183 (syn. of *D. macrost.* Rud.).
- esocis lucii* Rud., 1809a, 438–439 (in *Esox lucius*), based on Rud., 1803, 29–30.
- eurystrom* Linst., 1877, 183–184 (in *Anas clangula*).—Stoss., 1892, 159, to (*Dicrocoelium*) (in *Bucephala clangula*).
- exasperatum* Rud., 1819a, 117, 421–422 (in *Sorex eremita*) to (*Echinost.*).—Braun, 1901b, 22; 1901, 341–344, pl. 19, figs. 6–7 (includes *D. exasperatum* Duj., 1845a; Dies, 1850a; *D. (Brachylaimus) exasperatum* Stoss., 1892; *D. (Brachylaimus) rubens* Duj., 1845a; *D. rubens* Dies., 1850a).—Cobbold, 1879b,

DISTOMA—Continued.

- 296.—Crep., 1837, 311.—Dies., 1850a, 391.—Duj., 1845a, 411.—Stoss., 1892, 15 (in *Crossopus fodiens*, *Sorex tetragonurus*) (includes *D. rubens*).
- excavatum* (Rud., 1803) Rud., 1809a, 399–400, 404 (in *Ardea ciconia*); 1819a, 109 (in *A. ciconia*, *A. nycticorax*), 402–403.—Dies., 1850a, 383 ([*nycticoracis*] syn. of *D. echinatum* Zed.).—Lamouroux, 1822a, 194.—Nord., 1840, 628 (to Holost.).—Rail., 1893a, 366 (syn. of *D. ech.*).—Ward, 1895, 341 (in *Canis familiaris*) (syn. of *D. ech.*).—See next entry.
- excavatum* (Rudolphi, 1803) Blainv., 1824a, 518–519 (a holostome).—Dies., 1850a, 310 (to Hemist.).—Duj., 1845a, 375.—Mehlis, 1831, 175.—Nathusius, 1837, 53.—See foregoing entry.
- excisum* Rud., 1819a, 112, 411–412, 685 (in *Scomber colias*, at Naples; *Scomber scomber*, at Arimini).—Bellingham, 1844, 425.—Ben., 1870, 37.—Braun., 1892a, 654, 682.—Bremser, 1824, 134, pl. 9, figs. 19–20.—Carus, 1884, 128.—Cobbold, 1860a, 25.—Cohn, 1902k, 54, to (*Lecithocladium*).—Crep., 1837, 326; 1839, 289.—Dies., 1850a, 375–376; 1858e, 342, 343; 1859c, 432.—Duj., 1845a, 436.—Harz, 1881c, 5.—Kroyer, 1838–40a, 236, in *Scomber scombrus*.—Looss, 1899b, 640 (to *Hemiusurus*).—Luehe, 1901, 397, 398.—Mol., 1858, 290; 1859, 841; 1861, 211–212.—Mont., 1891, 497, 500, 502.—Olss., 1868, 51; 1876, 21.—Sons., 1891, 259 (in *Scomber scombrus*).—Stoss., 1883, 116; 1886, 15.—Wagener, 1860, 165, 166, 172–176, pl. 8, figs. 8–14.
- exiguum* Mueh., 1898, 17, 25, 89–90, fig. 11 (in *Circus rufus*).—Looss, 1899b, 564 (type of *Holometra* Looss).
- expansum* (? Creplin, 1842) Mont., 1892, 714 [speaks of *M. expansum* on same page], probably lapsus for *expansum* Crep., 1842.
- erpinosum* Hausmann, 1896a, 391; 1897b, 4, 6, 20, 22, pl. 1, figs. 4–5 (in *Barbus fluviatilis*).—Looss, 1899b, 598 (to *Asymphyllodora*).
- fabenii* Mol., 1859, 289 (in *Cantharus vulgaris*; Batavii); 1858, 289; 1861, 202–203.—Carus, 1884, 130.—Dies., 1859c, 428–429.—Sons., 1890, 142–143 (in *Cantharus lineatus* Mont.).—Stoss., 1886, 27.
- factum* Mont., 1893, 32, misprint for *fractum*.
- falcolacæ* Leidy, MS., in Stiles & Hass., 1894d, 250 (name found in bottle in Leidy collection; is probably *D. trapezium* Leidy).
- falconis chrysaëti* Rud., 1809a, 429 (= *D. felleum* *Falconis chrysaëti* Viborg).
- falconis milvi* Rud., 1809a, 429–430, for *F. milvi* Gmelin.
- falconis rufi* Rud., 1819a, 119 (in *Falco rufus*; Cat. Ent. Vien.).—Dies., 1850a, 346 (syn. of *D. lineola*).—Duj., 1845a, 442.—Stoss., 1892, 183 (syn. of *D. lin.*).
- fallax* Rud., 1819a, 117, 120 (in *Uranoscopus scaber*; Naples).—Carus, 1884, 126.—Cobbold, 1860a, 37, to *Echinost.*—Dies., 1850a, 392.—Duj., 1845a, 432.—Looss, 1899b, 576, 581, 582; 1901, 655, 658; 1902m, 789, 804, 805, 811, 822, type of *Anisogaster* 1901 [not 1863] and *Anisocladium*, 1902.—Stoss., 1886, 34; 1890, 41.—Wagener, 1860, 170.
- farionis* (Mueller, 1788) Bl., 1891, 481–483, fig. 38 (includes *F. truttæ* Frølich, *D. laureatum* Zed.).—Braun, 1893b, 179, 184.—Hausmann, 1897b, 4, 6, 17, 20, 22, 35 (in *Thymallus vulgaris*).
- fasciatum* Rud., 1819a, 97, 373–374, 595 (in *Labrus tinca*, *L. merops*, *Perca marina*; Naples).—Barbagallo & Drago, 1903, 410 to (*Dicrocoelium*) (in *Crenilabrus ceruleus*; Catania; Serranus scriba).—Braun, 1891d, 421; 1892a, 720, 765; 1893a, 910; 1893b, 184 (in *Labrus merula*).—Carus, 1884, 130.—Cobbold, 1860a, 23.—Dies., 1850a, 344 (includes *D. labri* Rud., 1819a, 122).—Duj., 1845a, 456.—Lint., 1900, 291.—Looss, 1899b, 571 (this form as described by Stoss., 1885, belongs to *Creadiinae*, possibly to *Creadium*); 1901, 399, 401.—Mont., 1888a, 66; 1893, 192, pl. 1, fig. 15.—Odhn., 1901, 484, 485, 486, 487, 488, 490, 491, 493, 496, 497; 1902, 160.—Olss., 1868, 32.—Sons., 1890, 141 (in *Serranus scriba* L.); 1891, 257.—Stoss., 1885, 160; 1886, 32; 1892, 64; 1898, 46; 1902, 578.—Will.-Suhm, 1870, 8; 1871, 182, pl. 11, fig. 7.—Also reported for *Anguilla vulgaris*, *Crenilabrus melops*, *C. tinca*, *Ctenolabrus rupestris*, *Labrus mixtus*.
- felineum* Rivolta, 1884, 20–29, 1 pl. (in cat and dog; Italy).—Askazy, 1900b, 491 (cats and dogs; Italy), 494 (*felinum*); 1900c, 72–80; 1901, 72, 73, 74, 75, 76, 77, 78, 79, 80 (cases in man); 1906, 127–131 (in *Idus idus*, *Leuciscus rutilus*).—Braun, 1893, 349, 351, 352, 353; 1893f, 386, 387, 388, 390, 391, 392, 422, 423, 424, 425 (includes *D. conus* Gurlt, Sons., *D. lanceolatum* Crep. p.p., Sieb., van

DISTOMA—Continued.

- Tright; in dogs and cats), 426, fig. 3 (extensive account of early synonymy); 1894, 129; 1894i, 602, 605, 606; 1895b, 148–151, figs. 66–68; 1900g, 250; 1901e, 314, 315, 338; 1902b, 5.—Kholodk., 1897, v. 27 (1), 185–186 (in man).—Huber, 1896a, 576 (syn. of *D. sibiricum*).—de Jong, 1887a, 57ff (in dog; Holland); 1886–87; 1887b, 223, 224; 1896a, 1, 2, 3, 4, 9, 10, 11, fig. 4.—Kamensky, 1900a, 1–23 (syn. of *Opisthorchis tenuicollis* Rud., Much.); 1900b, 1–23; 1901a, 323–324.—Kholodk., 1898, 26, 29, pl. 9, figs. 10–12; 1899a, 152.—Kowal., 1898g, 74; 1898h, 144 (41).—Laspeyres, 1904a, 513 (felinum).—Linst., 1903, 279.—Looss, 1896b, 58, 59; 1899b, 530, 674, 675, 676; 1905, 89 (to *Opisthorchis*).—Moniez, 1896, 86, 123, 136–141, fig. 26.—Mueh., 1898, 15, 16, 21 (syn. of *D. tenuicollis*), 24.—Rail., 1893a, 361.—Ratz, 1898, 67–69, fig. 1 (felinum); 1900, 250; 1900, 141–142; 1900, 532.—Rindfleisch, 1904, March, 346 (in man); 1904, 8.—Roth, 1904, 93–94 (in man, infection from *Leuciscus rutilus*).—Schneidemuehl, 1896, 302.—Shaw, 1901, 1027.—Simon, 1897, 223.—Sons., 1889, 276, 280; 1889, 281 (syn. of *D. conus* Crep.); 1897, 254, 255, 256–257 (in *Canis* fam.; Pisa); 1897, Apr., 221.—Stiles, 1894n, 358–360.—Stiles & Hass., 1894e, 426–427, figs. 5–8; 1898a, 85 (type of *Opisthorchis*).—Tyson, 1903, 3 ed., 1181 (in cats and man).—Ward, 1895, 152; 1895, 238 (man, cat, dog; includes *D. lanceolatum* of cats and dogs), 243–244 (includes as syns. *D. conus* Gurlt nec Crep.; *D. lanceolatum* Sieb., 1836; *D. truncatum* Rud. pars.); cat, dog, and glutton; Europe; man; Siberia), 328 (in *Homo*; biliary ducts), 341 (in *Canis familiaris*; biliary ducts); 1895, (3), Mar., 152–158, 1 fig.; 1895, 8 pp.; 1895, 304–309; 1901, 180 (of Ward syn. of *Opisthorchis pseudofelineus*).—Weichselbaum, 1898, 315.—Also reported for *Gulo borealis*.
- felinum* of Ward, 1895, 152–158, 1 fig.; 1895 (nec Riv.), 239, fig. 1, 240, fig. 2, 242, fig. 3 (= *Opisthorchis pseudofelineus*); 1896, 5 Nov., 709; 1901, 180.
- felinum (sibiricum)* Askanazy, 1900b, 491–502, for *felinum*, cases in man; 1900c, 711, 712.
- felinum* (see *D. felinum*; misprint in Ratz, 1898, 67).
- felleum falconis chrysaeti* Viborg, 1795, 243 (renamed *D. Falconis chrysaeti* by Rud.).—Dies., 1850a, 376 (syn. of *D. crassiusculum*).
- fellis* Olss., 1868, 44–46, pl. 5, fig. 94 (in *Anarrhichas lupus*).—Braun, 1893a, 875.—Jacoby, 1899c; 1900, 1, 12–16, 20, figs. 8–12.—Lint., 1900, 291.—Luehe, 1900, 504.—Odhn., 1905, 307, 309, 310.—Stoss., 1886, 24 (in *Anarrhichas lupus*).
- ferocis* Mont., 1888a, 14, apparently misprint for *ferox*.
- ferox* (Rud., 1795) Zed., 1803a, 221.—Baird, 1853a, 56, includes *Echinorhynchus ardeae nigrae* Braun.—Ben., 1868, 295, 296–299, pl. 1, figs. 1–5.—Braun, 1892a, 568, 583, 584, 721; 1893a, 877, 881.—Bremser, 1824, pl. 10, figs. 6–11.—Crep., 1837, 311, 312, 316, 326.—Dies., 1850a, 387–388 (syns.: Plan., *D. ardeae* Zed.; *D. ardeae stellaris* Rud.; *Echinorhynchus ardeae nigrae* Braun; *Fasc. ardeae* Gmelin).—Duj., 1845a, 429–430.—Gamb., 1896a, 63.—Giebel, 1857, 265.—Kowal., 1896d, 253 (3) (in *Ciconia alba*; Dublany).—Leuck., 1886d, 11; 1879, 14.—Linst., 1873, 106 (in *Ciconia alba*).—Looss, 1892a, 14.—Mayer, 1841a, 4.—Mol., 1858, 130; 1861, 219.—Mont., 1888, 14.—Nathusius, 1837, 53.—Nord., 1832a, 90.—Olfers, 1816, 47.—Olss., 1876, 22.—Rud., 1803, 90; 1809a, 426–427, to (*Echinost.*), 433; 1814a, 102; 1819a, 116–117, 120, 419–420.—Villot, 1875, 473.—Also reported for *Ardea ciconia*, *A. nigra*, *A. stellaris*, *Ciconia nigra*.
- ferruginosum* Linst., 1877, 184–185, pl. 14, figs. 25–27 (in *Barbus fluviatilis*).—Braun, 1892a, 587, 729, 766.—Hausmann, 1897b, 30.—Looss, 1894a, 24, 25, 26, 31, 32, 123 (syn. of *D. perlatum*).—Stoss., 1886, 48.
- filicollis* (Rud., 1819a) Ben., 1858a, 1861a, 104–107, 111, 187, 189, 195, 199, 200, 201, pl. 10, figs. 1–10 (includes *D. okenii*); 1870c, 137.—Braun, 1892a, 698–727.—Carus, 1884, 128.—Cobbold, 1860a, 31 (in *Brama raii*), to *Köllikeria* as type.—Leuck., 1879, 137; 1886d, 106.—Mont., 1888a, 9, 18, 52, 62, 93, 104; 1893, 150.—Sons., 1890, 143 (of Wagener).—Stoss., 1886, 17.
- filiferum* Sars, 1885, 222, pl. 38, figs. 19–21 (in *Nematoscelis megalops* S., *Thysanocœsa gregaria* S.; South Atlantic Ocean).—Braun, 1893a, 836, 837, 853.—Linst., 1888, 17.—Mont., 1893, 40, 42, 43, pl. 5, fig. 61.
- filiforme* Rud., 1819a, 112, 411, 772 (in *Cepola tænia* at Arimini; *Cepola rube-scens*).—Braun, 1883a, 41; 1892a, 672.—Carus, 1884, 131.—Cobbold, 1860a, 28.—Dies., 1850a, 375.—Duj., 1845a, 460–461.—Stoss., 1886, 48.—Will.-Suhm, 1870, 8; 1871, 182.

DISTOMA—Continued.

- flum* Duj., 1845a, 418 (in moineaux at Rennes), to (*Brachylaimus*).—Cobbold, 1860a, 15 (in *Fringilla* dom.).—Dies., 1850a, 376.—Hausmann, 1897b, 28.—Stoss., 1892, 152.
- fibriatum* Busch, 1851, 99, pl. 15, fig. 12 (in *Sagitta*).
- flagellatum* Moniez, 1891, 27 (in *Gymnotus electricus*); 1896, 144.
- flavescens* Pag., 1857, 34–35, pl. 3, fig. 14 (in *Bulimus radiatus*).—Braun, 1892a, 642.—Dies., 1858d, 278 (to *Cercariaeum*).
- flavescens* Ben., 1870, 47, pl. 5, fig. 4, (in *Gobius jozo*; *G. minutus*).—Stoss., 1886, 21.
- flavocinctum* Linst., 1879, 183–185 (in *Anguis fragilis*).—Stoss., 1895, 230; 1897, 9 (= *D. crassicolle*); 1898, 32.
- flexum* Lint., 1892, 98–99, pl. 6, figs. 36–44 (in *Oedemia americana*).
- flexuosum* Rud., 1808a, 346; 1809a, 50, 389–391 (in *Talpa europæa*); 1819a, 105.—Bellingham, 1844a, 424.—Braun, 1891d, 421; 1901a, 33.—Cobbold, 1860a, 7; 1879b, 296.—Dies., 1850a, 360; 1858e, 341 (in *Talpa europæa*).—Duj., 1845a, 398–399.—Hausmann, 1897b, 28.—Looss, 1899b, 562, type of *Omphalometra*.—Mueh., 1896, 244–248, figs. 1–8; 1896, 588; 1898, 16, 28.—Olfers, 1816, 44.—Stoss., 1892, 26 (in *Talpa europæa*; Greifswald, Copenhagen, Rennes).
- fœcundum* Lint., 1900, 269, 282, 289–290, pl. 36, figs. 27–35, pl. 37, figs. 36–37 (in *Lopholatilus chamæleonticeps*); 1901, 415, 419, 432, 472.
- foliaceum* Mol., 1859, 288 (in *Gobius paganellus*; Batavii); 1861, 199.—Carus, 1884, 131.—Dies., 1859c, 428.—Stoss., 1886, 48.
- foliatum* Lint., 1898, 532–534, pl. 49, figs. 3–5, pl. 50, figs. 1–3, pl. 51, figs. 1–4 (in *Mola mola*); 1900, 282; 1901, 415, 422, 466; Looss, 1902m, 644, to *Orophocotyle*.
- foliiforme* Crep., 1846, 149 (in *Squalus griseus*); 1837, 317.
- folium* Olfers, 1816, 45, fig. 15 (t. h. *Esox lucius*).—Bell, 1887a, 117.—Braun, 1892, 44; 1892a, 642, 663, 674, 697, 710, 716, 720, 723, 737, 746, 783, 785; 1892g, 461–463; 1893a, 876; 1893d, 467; 1899, 2; 1899g, 490, 492, type of *Phyllosticta*; 1899b, 721; 1901b, 9, 10, 12.—Cobbold, 1860a, 23.—Cohn, 1896, 240.—Darr, 1902, 688.—Dies., 1850a, 343 (in *Esox lucius*; Berlin); 1858e, 335.—Duj., 1845a, 464.—Fil., 1855b, 25.—Hausmann, 1897b, 15.—Kroyer, 1846–53a, 253.—Looss, 1893b, 813, 814, 815; 1894a, 2, 18–24. *D. duplicatum* [*Rhopalocerca tardigrada*], viewed as young form, 28, 29, 31, 58, 62, 63, 64, 110, 125, 136, 137, 138, 142, 159, 161, 167, 174, 179, 181, 183, 185, 186, 194, 197, 200, 204, 206, 211, 215, 217, 227, 230, 269, 270, 275, pl. 1, figs. 19–22, pl. 4, figs. 75–80 (reported for *Acerina cernua*; *Cottus gobio*; *Salmo umbla*; *Thymallus vulgaris*; *Trutta variabilis*); 1899b, 605, type of *Spathidium*; 1902m, 476, 477.—Mont., 1888a, 7, 55; 1893, 83, 102, 107.—Mueh., 1898, 11, 15, 28.—Odhn., 1902, 64, 65.—Rossbach, 1906, 377, 388.—Rud., 1819a, 96–97, 371–372, 588.—Spengel, 1892.—Ssinitzin, 1901, v. 24, 25 Nov., 689–694 (in *Dreissenia polymorpha*); 1902, 359–360; 1904, 768, figs. d, e.—Staff., 1902, 481, to (*Spathidium*), in *Ameiurus nebulosus*.—Stoss., 1886, 48.—Wagener, 1855, 1857, 26, 27.—Will.-Suhm, 1873.—Zschokke, 1884.
- formosum* Sons., 1890, 134–136 (in *Grus cinerea* Bechst.); 1891, 2 Mch., 291.—Braun, 1892a, 698; 1901, 944; 1902b, 21, 22.—Mont., 1893, 82, 148; 1896, 166.—Ofenheim, 1900, 160.—Stoss., 1892, 143 (to *Polyorchis*).
- fractum* Rud., 1819a, 107, 397 (in *Sparus salpa*; Naples).—Braun, 1893a, 910.—Carus, 1884, 124.—Cobbold, 1860a, 28.—Dies., 1850a, 377–378.—Duj., 1845a, 458.—Jacoby, 1900, 4.—Looss, 1894a, 170, 204, 219.—Luehe, 1900, 487.—Mont., 1892, Oct. 7, 174, 175; 1893, 13, 23, 24, 32 (factum), 33, 40, 41, 42, 43, 61, 79, 82, 83, 85, 87, 88, 91, 94, 96, 98, 102, 105, 106, 107, 114, 120, 141, 146, 167–172, 175, 186, pl. 1, fig. 9, pl. 5, fig. 62, pl. 6, figs. 81–86, pl. 7, figs. 110–111, pl. 8, figs. 112, 114.—Nord., 1832a, 35.—Odhn., 1905, 328.—Sons., 1890, 139–140 (in *Box salpa* Cuv.); 1891, 262.—Stoss., 1886, 49, to (*Podocotyle*); 1887, 184; 1892, 65.
- fragile* Lint., 1900, 269, 282, 295, pl. 39, figs. 68–70 (in *Mola mola*); 1901, 415, 420, 466.—Type of *Stenocollum* 1904.
- fraternum* Looss, 1894d, 42–48, pl. 2, figs. 13–15 (in *Pelecanus onocrotalus*); 1895a, 1896b, 60–63, 101, 154, 156, pl. 4, figs. 36, 37 (in *pelican*, Alexandria); 1899b, 535, 550, 556, to *Cœnogonimus*; 1902m, 804, 805, 886, 887.—Braun, 1901e, 334, 336, 338.—Jacoby, 1900, 23.—Jägers., 1898, 9, 12.—Luehe, 1899, 539, to *Cotylogonimus* (*Cotylogonimus*).—Moniez, 1896, 143–144.—Mueh., 1898, 81, 82 (considers *D. concavum* a *Mesogonimus* and more or less related to *fraternum* and *heterophyes*).—Sons., 1896, 314.—Stoss., 1898, 42.

DISTOMA—Continued.

- frölichii* Kowal., 1894, 3, host not given (to Echinost.); 1895, 353–355, pl. 8, figs. 4–8, 12 b; 1895, 372–390, pl. 8, figs. 1–6.
- fuligula ferinae* Dies., 1858e, 355 (in *Anas ferina*; Ireland) based on Bellingham, 1844, v. 13, 430.—Stoss., 1892, 167 (to Echinost. echinatum).
- fulvum* Rud., 1819a, 98, 374–375 (in *Gadus molva* at Naples; *G. mediterraneus*).—Bellingham, 1844a, 423.—Carus, 1884, 131.—Cobbold, 1858b, 157, pl. 31, figs. 6–8 (in *Moletta quinquecirrata*) (includes *D. simplex* Rud.; *Fasc. bramæ* Mueller); 1860a, 23.—Dies., 1850a, 345 (in *Lota molva*; Naples); 1858e, 335 (in *Raja batis*).—Duj., 1845a, 466.—Kroyer, 1843–45a, 166 (in *Lota molva*).—Linst., 1903, 354.—Stoss., 1886, 49.—Also reported for *Gadus mustela* Linn.; *Molva vulgaris*; *Motella mustela*.
- furcatum* Bremser in Rudolphi, 1819a, 107, 396–397, 683–684 (in *Mullus surmuletus*, *M. rubescens* at Arimini; *Gadus molva* at Naples); 1824, 133.—Braun, 1892a, 576, 584; 1893a, 910.—Carus, 1884, 124.—Cobbold, 1860a, 29.—Crep., 1837, 310.—Dies., 1850a, 378 (in *Mullus barbatus*; *M. rubescens*; Arimini; *Lota molva*, Naples; *Coryphæna hippurus*, Brazil).—Duj., 1845a, 402.—Eysenhardt, 1829, 145.—Hausmann, 1897b, 35.—Kroyer, 1838–40a, 581; 1843–45a, 166 (in *Mullus surmuletus*; *Lota molva*).—Looss, 1902m, 771, 772 (undoubtedly represents a new genus).—Luehe, 1900, 487, 488, 490, 491, 492.—Mont., 1888a, 12; 1893, 192, pl. 1, fig. 18.—Odhn., 1905, 325, 326.—Stiles & Hass., 1898a, 92.—Stoss., 1883, 116, 1886, 16.—Also reported for *Box salpa*; *Molva vulgaris*.
- furcigerum* Olss., 1868, 26, pl. 4, fig. 72 (in *Pleuronectes limanda*, *P. limandoides*).—Braun, 1892a, 643, 728, 752; 1893a, 910.—Levin., 1881a, 12, 61–64, 67, 76, 77, pl. 2, figs. 5–6 (in *Cottus scorpius*, at Egedesminde; *Pl. limanda*; *P. limandoides*).—Linst., 1890f, 179.—Mont., 1893, 61, 95, 105, 193.—Odhn., 1905, 302, 305 (type of *Stringophorus*)—Staff., 1904 (type of *Leioderma* n. g., nec Suhm, 1873).—Stoss., 1886, 28 to (*Dicrocoelium*).
- [*fusca* Sluiter, 1900, 7 (a tunicate).]
- fuscatum* Rud., 1819a, 101, 384–385 (in *Tetrao coturnix*; Ancona).—Braun, 1901, 561, 564; 1901, 941; 1902b, 114, 115 (to Harmost.).—Cobbold, 1860a, 11; 1879b, 440.—Dies., 1850a, 353.—Duj., 1845a, 445.—Stoss., 1892, 182; 1892, 40.
- fuscescens* Rud., 1819a, 113, 413 (in *Sparus dentex*; Arimini).—Carus, 1884, 130.—Dies., 1850a, 377 (in *Dentex vulgaris*; Arimini).—Luehe, 1900, 490.—Mol., 1859, 833, 838–840, 845, pl. 1, fig. 1 (in *Dentex vulgaris*; Padua).—Mont., 1893, 40, 41, 42, 43, 82, 83, 95, 102, 177–179, pl. 5, fig. 63.—Stoss., 1885, 159; 1886, 27; 1886, 59 to (*Dicrocoelium*); 1898, 45 (in *Dentex vulgaris*; Trieste).—Also reported for *Caranx trachurus*.
- fuscum* (Bosc, 1802) Poir., 1885, 6, 12–13, pl. 23, fig. 7.—Braun, 1893a, 872, 873.—Buttel-Reepen, 1902, 167, pl. 6, fig. 17.—Reported for *Doras* sp.
- fusiforme* Zed., 1800a, 163 (in *Upupa* ep.), 171–173, *Fasc. upupa* Schrank, 1790, renamed; 1803a, 210.—Braun, 1901, 561.—Dies., 1850a, 351 (syn. of *D. involutum*).—Rud., 1809a, 377.
- gadi* Dies., 1855, 64, based on Bellingham, 1844a, 428, t. h. *Gadus aeglefinus*; Ireland.
- gadi æglefini* Dies., 1858e, 341, based on Bellingham, 1844, 428 (renamed *D. anonyum* Dies.).
- galactosomum* Leidy, 1888i, 166–167 (in *Labrax lineatus*; U. S. A.); 1889, 611; 1904a, 216–217.—Braun, 1893a, 872; 1900h, 43.—MacCallum, 1899, 704, 707.
- gammari* Rentsch, 1860, 18, 35–50, pl. 12, figs. 7–12, 15–16 (in *Flohkrebs*, *Gammarus ornatus*).
- gammari* Linst., 1877, 186, n. sp.; 1878a, 315 (in *Gammarus pulex*).
- gammari ornati* Rentsch, 1860, in explanation of fig. 2, pl. 12 (*D. gammari* Rentsch, 1860, renamed).
- gastrocolum* Leidy, 1891a, 414–415 (in *Trichiurus lepturus*; U. S. A.); 1904a, 235–236.—Stiles & Hass., 1894, 414.
- gelatinosum* Rud., 1819a, 102, 386–387 (in *Testudo mydas*; Arimini).—Braun, 1899b, 715, 716–717; 1901b, 16, 18, 19, 29–34, figs. 6, 12, 19; 1902b, 26.—Carus, 1884, 129.—Cobbold, 1860a, 19.—Dies., 1850a, 356.—Duj., 1845a, 451.—Looss, 1899b, 570, 579, 580; 1901l, 563, 564, 565; 1902m, 445 (to *Rhytidodes*), 446, 451, 452, 454, 455, 456, 457.—Mont., 1888a, 38; 1892, 715; 1896, 165; 1903a, 86, 102.—Par., 1846.—Sons., 1890, 4 May; 1893, 5 Feb.; 1893, 183, 184

DISTOMA—Continued.

- (in *Chelonia caretta* L.).—Stoss., 1895, 37; 1895, 226–227; 1898, 43; 1904, 3.—Also reported for *Chelone mydas*, *Emys lutraria*, *Halichelys atra*, *Podocnemis expansa*, *Thalassochelys caretta* L., *T. corticata*.
- gelatinosum* Rud. of Poir., 1886, 33–34, pl. 3, fig. 6 (nec Rud.) (in *Cistudo lutraria*).—Braun, 1899b, 716 (syn. of *D. poirieri* Stoss.); 1901, 13, 19.—Looss, 1899b, 567 (possibly identical with *Telorchis linstowi*).—Luehe, 1899, 528.—Stoss., 1904, 3 (syn. of *D. poirieri* Sons., 1893, *Telorchis poirieri* Stoss.).
- geminum* Looss, 1896b, 50–52, 54, 58, 59, pl. 4, figs. 25–27 (in *Milvus parasiticus*; Cairo); 1899b, 675 (to *Opisthorchis*).
- geniculatum* Dies., 1850a, 373–374 (in *Physophora tetrasticha*; Naples) (*D. physophoræ* Fil., renamed).—Cobbold, 1860a, 30.—Mont., 1888a, 77; 1888, 195, 196; 1893, 124.—Moul., 1856a, 217.
- genu* Rud., 1819a, 107–108, 397–398 (in *Labrus luscus*; Naples).—Braun, 1893a, 873.—Carus, 1884, 131.—Cobbold, 1860a, 27.—Dies., 1850a, 368–369.—Duj., 1845a, 462.—Looss, 1901d, 399.—Nord., 1832a, 36.—Odh., 1901, 484, 487, 490, 496.—Stoss., 1886, 49.
- giardi* Stoss., 1898, 50–51, for *giardii*.
- giardii* Stoss., 1889, 25(3), pl. 13, fig. 56 (in *Naucrates ductor*; Trieste); 1898, 50–51 (*giardi*).—Braun, 1892a, 583, 673; 1893a, 910.—Buttel-Reepen, 1902, 202.—Mont., 1893, 29, 43.
- gibbosum* (Rud., 1802) Rud., 1809a, 399, pl. 6, fig. 8 (in *Esox belones*); 1819a, 107, 395–396.—Bellingham, 1844a, 424.—Carus, 1884, 124.—Cobbold, 1860a, 28.—Crep., 1837, 326.—Dies., 1850a, 378; 1858e, 343 in *Gadus aeglefinus*, Ireland; 1859c, 433.—Duj., 1845a, 402.—Harz, 1881c, 5, 11.—Kroyer, 1846–1853a, 273 (in *Belone rostrata* Fabricius).—Luehe, 1900, 487, 492; 1901, 480.—Mol., 1858, 290 (in *Belone acus*; Patauii); 1861, 213.—Odh., 1905, 356, 357 (to *Lecithaster*).—Olfers, 1816, 46.—Stiles, 1901, 193.—Stiles & Hass., 1898a, 92.—Stoss., 1886, 49.—Also reported for *Colymbus cristatus*.
- giganteum* Dies., 1858e, 331–332 (*gigantica*, 1855, renamed).—Bassi, 1875b, 508.—Braun, 1892a, 650 (*gigantea*), 568, 674; 1893d, 466; 1903a, 875, 910.—Leuck., 1863, 530.—Stiles, 1898a, 49.—Stoss., 1892, 9 (to *Cladocœlium*).
- gigas* Nardo, 1827, 68–69 (in *Proctostegus proctostegus*, teste Braun); 1833, 523; 1874–1875 or (1876), 265–266.—R. Bl., 1888a, 543; 1891, 479–481, fig. 37.—Braun, 1892a, 632; 1893a, 873; 1893b, 184 (in *Proct. prototyphus*).—Buttel-Reepen, 1902, 167, 168, 169, 171, 172, pl. 6, figs. 10, 10a.—Carus, 1884, 126.—Cobbold, 1858, 167; 1860a, 28; 1879b, 460.—Crep., 1837, 310.—Darr, 1902, 664, 665, 666, 669, 671, 697.—Dies., 1850a, 373.—Hoyle, 1890, 540.—Luehe, 1901, 483, “*D. gigas*” (from *Luvarus imperialis*), to *Accacœlium raynerianum*, 485.—Mont., 1889, 322; 1891, 500, 520; 1893, reprint, 7–9.—Par., 1902, 6 (in L. im.; *Portoferajo*).—Poir., 1885, 6.—Setti, 1894, (19 pp.), pl. 28; 1894, 17 pp., pl. 28, 6 figs.; 1895, 316; 1895, 306; 1895, Feb. 28, 270; 1895, 367.—Stoss., 1886, 50.—Also reported for *Ansonia cuvieri*.
- glabrum* Crep., 1846, 148 (in *Salamandra maculosa*).—Dies., 1850a, 398.—Stoss., 1889, 70.
- glandulosum* Looss, 1896b, 64–68, 69, 71, 72, 76, pl. 5, figs. 41–44 (in *Taphosus nudiventris*; Ghizeh); 1898, 453, 454, 455, 456, 457, 458, figs. 1, v; 1899b, 547, 716, 717 to *Lecithodendrium*.—Stiles, 1901, 200.
- glauca* Bergh, 1884, 18, pl. 10, figs. 5–17 (in *Glaucus atlanticus*, etc., teste Braun).—Linst., 1888, 17.
- globicaudatum* Crep., 1849a, 64.
- globiferum* Lamarck, 1816, 182 for *D. globiporum*.—Nord., 1840, 618 (syn. of *Fasc. globifera*).
- globiparum* Ehrenb., 1837b, 199, for *globiporum*.
- globiporum* (Rud., 1802) Rud., 1809a, 364–367 (includes *Fasc. bramæ* Mueller; *F. lanceolata* (bramæ) Schrank, 1790; *F. tinca* Modeer, 1790; *F. longicollis* (carpinis) Frœlich, 1791; *D. cyprinaceum* Zed., 1800; *D. carinatum* Zed.), 410, 414, 441; 1819a, 96.—Ben., 1858a, 1861a, 100, 191, 197, 203.—Braun, 1883a, 52; 1892a, 635, 695, 699, 711, 746, 747, 756, 779, 780, 783, 785, 788, 790; 1893a, 865, 879, 883.—Burm., 1835b, 187–194, pl. 2, figs. 1–6.—Cobbold, 1860a, 21.—Condorelli-Francaviglia, 1898, 2, 4, 5–7.—Crep., 1837, 310, 313, 322, 323, 324, 327, 328, 329; 1846, 152, 153, 154.—Dies., 1850a, 341 (includes *Fasc. bramæ* Mueller, *F. lanceolata* Schrank, *F. longicollis* Frœlich, *F. globipora*

DISTOMA—Continued.

- Rud., *D. cyprinaceum* Zed., *D. carinatum* Zed., *D. bramæ* Zed.); 1858e, 334 (larva in *Lymnæus stagnalis*).—Duj., 1845a, 417.—Ehrenb., 1837b, 199 (globiparum); 1837, 151–180; 1838b, 15.—Gamb., 1896a, 72.—Hausmann, 1897b, 4, 6, 8, 10, 17, 18, 20, 21, 22, 39–40 (in *Scardinus erythrophthalmus*, *Chondrostoma nasus*, *Barbus fluviatilis*, *Squalius cephalus*, *S. leuciscus*, *Cobitis barbatula*, *Abramis brama*, *A. blicca*, *A. vimba*, *Alburnus lucidus*, *Acerina cernua*, *Cyprinus carpio*, *Esox lucius*, *Leuciscus rutilus*, *L. meidingeri*, *L. scardapha*, *Phoxinus lævis*, *Perca fluviatilis*, *Tinca vulgaris*, *Thymallus vulgaris*).—Kampmann, 1894b, 446.—Kroyer, 1838–40a, 20; 1846–53a, 367, 387, 434; 1852–1853a, 1222, 1223, 1224, 1225 (in *Abramis brama*, *A. blicca*, *A. vimba*, *Aspius alburnus*, *Barbus fluviatilis*, *Leuciscus erythrophthalmus*, *L. rutilus*, *Perca fluviatilis*, *Phoxinus aphyæ*, *Tinca vulgaris*).—Lamarck, 1816, 182 (globiferum).—Lamouroux, 1824, 563 [*Distome à pores globuleux*].—Leuck., 1863a, 500, 501, 503, 504.—Linst., 1882, 19, fig. 24; 1885, 251.—Lint., 1901, 415 (in *Pseudopleuronectes americanus*), 420, 486, fig. 347; 1905, 328, 334, 356, 378, 393, figs. 159, 173, 198, 199 (in *Fundulus majalis*, *Leiostomus xanthurus*, *Orthopristis chrysopterus*).—Looss, 1885b, 22, 23, 24, pl. 23, fig. 18; 1894a, 41 (includes *Fasc. bramæ* Mueller; *F. longicollis* Frølich; *D. cyprinaceum* Zed., 1800; *Fasc. globipora* Rud., 1802), 2, 24, 41–48, 49 (of Olss., syn. of *D. isoporum* Looss), 50, 52, 53, 54, 58, 98, 123, 124, 136, 137, 141, 150, 151, 157, 159, 161, 162, 179, 191, 192, 195, 197, 214, 215, 216, 231, 239, 242, 243, 249, 256, pl. 1, figs. 11–14; pl. 5, figs. 95–101 (in *Abramis brama*, *A. blicca*, *A. vimba*, *Alburnus lucidus*, *Barbus fluviatilis*, *Chondrostoma nasus*, *Cyprinus carpio*, *Esox lucius*, *Leuciscus erythrophthalmus*, *L. jesus*, *L. rutilus*, *Perca fluviatilis*, *Phoxinus lævis*, *Squalius cephalus*, *Thymallus vulgaris*); 1896b, 208; 1899b, 646, 647, 648; 1902m, 757 (and *Fasc. bramæ*), 758, 760, 762, 764, 769.—Mol., 1858, 129; 1861, 199.—Mont., 1888a, 69, 72; 1892, Oct. 7, 187.—Moul., 1856a, 48 (embryo).—Mueh., 1898, 24, 28.—Nord., 1832a, 88; 1840, 616, 618 (syn. of *Fasc. globifera*).—Olfers, 1816, 45.—Olss., 1876, 16; 1893, 11.—Par., 1896, 2, to (*Dicrocoelium*).—Poir., 1885, 1, 101.—Schauinsland, 1882, 496, 497.—Sieb., 1836, 233, 236, 237, 238, 239; 1836, v. 1, 218, pl. 6; 1838, 301.—Sramek, 1901, 95 (in *Abramis vimba*, *C. V.*, *A. brama*), 96 (in *Squalius dobula* Heck.), 107–108 (in *Squalius lepusculus* Heck.) (syn. *Fasc. bramæ* Mueller).—Stiles, 1901, 168, 194.—Stiles & Hass., 1898a, 95 (type of *Sphaerostoma*).—Stoss., 1883, 116; 1886, 29; 1902, 582.—Wagener, 1857, 26, 44, pl. 23, fig. 1 (in *Lymnæus stagnalis*); 1860, 170; —, v. 9, 88, 89, pl. 1, fig. 5.—Also reported for *Abramis alburnus*, *Anguilla chrysypa*, *A. vulgaris*, *Blicca björkna*, *Cobitis fossilis*, *Cyprinus balerus*, *C. barbus*, *C. blicca*, *C. brama*, *C. alburnus*, *C. dobula*, *C. erythrophthalmus*, *C. phoxinus*, *C. nasus*, *C. rutilus*, *C. tinca*, *C. vimba*, *Idus melanotus*, *Leuciscus phoxinus*, *Limnæa ovata*, *Physa fontinalis*, *Planorbis marginatus*, *Succinea pfeifferi*, *S. putris*.
- globiporum tinæ* Rud. of Dies., 1850a, 395 (syn. of *D. perlatum* Nord.).
- globocaudatum* Crep., 1825, 49–50 (in *Corvus cornix*); 1849a, 64.—Braun, 1902b, 44 (not Linst., 1883).—Cobbold, 1860a, 13.—Dies., 1850a, 351; 1858e, 337 (in *Corvus glandarius*).—Duj., 1845a, 413–414.—Fil., 1855b, 8.—Linst., 1878, 99; 1883, 307–308; 1886, 31.—Stoss., 1892, 153 (syn. of *D. cirratum* Rud.).
- globosum* Ben., 1858a, 1861a, 193 (refers to Sieb.).—Braun, 1901e, 311 (as a name of Dies. for *D. orbiculare*), 312.—Jackson, 1888, 647.
- globulus* Rud., 1814a, 104 (in *Anas fuligula*); 1819a, 109, Greifswald, 401–402.—Bellingham, 1844a, 425.—Braun, 1893a, 879; 1901, 561, 564; 1902b, 19, 152 (includes *D. gl.* Braun, 1901, 564; Crep., 1846, 142, 143, 145, 146; Dies., 1850a, 365, and 1858e, 341; Duj., 1845a, 450; Rud., 1819a, 109, 401; Stoss., 1892, 40), 155 (to Psilost., Looss) [does not use name *globulus* in combination with P.].—Cobbold, 1860a, 11.—Crep., 1846, 142, 143, 145, 146.—Dies., 1850a, 365; 1858e, 341 (in *Anas Cygnus ferus*).—Duj., 1845a, 450.—Olfers, 1816, 46.—Stoss., 1892, 182.—Also reported for *Alca torda*, *Anas fuligula*, *A. marila*, *A. sponsa*, *Dafila acuta*, *Fuligula cristata*, *F. marila*, *Harelda glacialis*, *Mergus merganser*, *M. serrator*.
- gobii* Stoss., 1883, 116–117, pl. 2, figs. 6–7 (in *Gobius jozo*; Triest); 1886, 29; 1890, 41; 1898, 45; 1904, 12 (to *Helicometra*).—Braun, 1891d, 421; 1892a, 711, 765.—Carus, 1884, 124.—Condorelli-Francaviglia, 1898, 7.—Looss, 1901d, 399.—Mont., 1893, 83, 95, 102.—Odhn., 1901, 494, 495; 1902, 160.—Sons., 1891, 258.

DISTOMA—Continued.

- gobii* Rentsch, 1860, 43–50, pl. 11, figs. 3–5, 8–9b–d; pl. 12, figs. 1, 5c–e (in *Gobius minutus*) [called also *D. gobii minuti* in description of plates].—Also reported for *Gasterosteus spinachia*.
- gobii minuti* Rentsch, 1860, in descr. of plates (for *D. gobii*).—Odh. n., 1901, 495.
- goliath* Ben., 1858b, 95–97, 1 pl., figs. 1–5 (in liver of a *Balæna*); 1858f, 282; 1870, 365.—Braun, 1891d, 423; 1892a, 586, 721; 1893a, 875; 1893d, 466; 1902, Nov. 17, 800–803, 1 pl., to *Lecithodesmus*; 1902, Dec. 30, 841–842; 1905, July, 51, 53.—Cobbold, 1860a, 8.—Dies., 1858e, 336–337 (in *Balæna borealis* [*Balænoptera rostrata* Fabricius]).—Hahn & Lefevre, 1884a, 516.—Jægers., 1891, 132.—Lønnberg, 1891, 71–73.—Odh. n., 1905, 344, 347 (to *Lecithodesmus*).—Stoss., 1892, 34–35 (in *Balæna mysticetus*, *Balænoptera rostrata*).—Villot, 1878, 2.
- gracile* (Leidy, 1856) Dies., 1858e, 336 (in *Esox spec.*, *Pomotis vulgaris*).—Braun, 1893a, 871; 1900h, 43, 44, 45.—MacCallum, 1899, 704.—Mont., 1893, 155.—Stoss., 1886, 50.—Also reported for *Apogon anullorum*.
- gracile* of Wright, 1879, 9 (in *Perca flavescens*).—Braun, 1899g, 491 (probably syn. of *Clinost. marginatum* Rud.); 1900h, 43, 45.
- gracile* of Lint., 1898, 523–524, pl. 46, figs. 6–8 (in *Lepomis auratus*, *Eupomotis pallidus*, *Chænobryttus gulosus*).—Braun, 1899g, 491 (probably syn. of *Clinost. marginatum* Rud.); 1900h, 44, 45 (thinks Poirier's form, 1886, 39, pl. 3, fig. 8, from *Axinurus dugesi*, may belong here).
- gracile* of MacCallum, 1899, 704, pl. 39, fig. 7.—Braun, 1900h, 44, 45, probably syn. of *Clinost. marginatum*.
- graciliscens* Rud., 1819a, 111, 409 (in *Lophius piscatorius*; Trieste).—Braun, 1893a, 886.—Bremser, 1824c, pl. 9, figs. 17–18.—Cobbold, 1858b, 161, pl. 32, figs. 33–37 (in *Lophius piscatorius*); 1879b, 462.—Crep., 1837, 326.—Dies., 1850a, 374–375; 1858e, 361 (in *Loph. pisc.*) (to *Rhipidocotyle*).—Duj., 1845a, 462.—Kroyer, 1838–40a, 471.—Linst., 1878a.—Maddox, 1867, 97.—Stoss., 1898, 61.—Tennent, 1906, 638 (to *Gasterost.*)—Wagener, 1860, 189.
- grande* Rud., 1819a, 676–677 (in *Platalea ajaja*; Brazil).—Braun, 1901g, 561, 564–565; 1902b, 24 (of Braun, 1901g, 564; Dies., 1850a, 346 (of Duj.); 1845a, 446 (of Rud.); 1819a, 676; and of Stoss., 1892, 2; to *Mesaulus*), 26, figs. 16–19.—Cobbold, 1860a, 12.—Dies., 1850a, 346–347.—Duj., 1845a, 446.—Odh. n., 1902, 32, 34, 35.—Stoss., 1892, 182.
- grandiporum* Rud., 1819a, 110–111, 407–408 (in *Muræna helena*; Naples).—Braun, 1893a, 873.—Cobbold, 1860a, 23.—Dies., 1850a, 342, 371–372 (includes *D. varium* Eysenhardt, *D. dimidiatum* Crep.).—Duj., 1845a, 421.—Johnston, 1901, 337.—Kroyer, 1852–53a, 778 (in *Acipenser sturio*).—Lint., 1898, Jan. 20, 520–521, pl. 44, fig. 9; 1901, 415, 418, 436, 486 (in *Anguilla chrysypa*, *Pseudopleuronectes americanus*); 1905, 328, 334, 351 (in *Leptocephalus conger*).—Looss, 1899b, 640 (to *Hemirius*).—Luehe, 1901, 476–477.—Mol., 1859, 826–828, pl. 2, fig. 5 (syns. *D. varium* Eysenh., *D. dimidiatum* Crep.) (in *Acipenser sturio*, Greifswald; *Anguilla vulgaris*, Padua; *Muræna helena*, Naples).—Odh. n., 1905, 360.—Olss., 1876, 20.—Stoss., 1886, 14; 1902, 582.
- granulum* Rud., 1809a, 394–395 (in *Cottus scorpius*) (includes *Fasc. scorpii* Mueller, 1776); 1819a, 106.—Cobbold, 1860a, 27.—Dies., 1850a, 366.—Duj., 1845a, 457.—Kroyer, 1838–40a, 138, 368 (in *Zoarces viviparus*, *Cottus scorpius*).—Nord., 1840, 620 (syn. of *Fasc. scorpii*).—Olfers, 1816, 46.—Stoss., 1886, 50.
- grassum* Biermer, 1863a, 395 (for *crassum*).
- gruis* (Gmelin, 1790) Zed., 1803a, 221–222.—Baird, 1853a, 55 (syn. of *D. echinatum* Zed.).—Dies., 1850a, 383 (syn. of *D. ech. Zed.*).—Rud., 1809a, 432; 1819a, 115.
- gulosum* Lint., 1901, 415, 418, 454, figs. 315–317 (in *Rhombus triacanthus*).—Nicol, 1907, 69.
- gyrini* Linst., 1884, 141–142, pl. 10, figs. 27–28 (in tadpole of *Rana temporaria*).—Braun, 1893a, 870.—Stoss., 1889, 68.
- hæmatobe* Ben., 1858a, 219 (for *D. hæmatobium*).
- hæmatobium* Bilharz, 1852a, 72–76 (in *Homo*; Egypt); 1853a, 454–456, figs. a–k; 1853 [in Sieb., 1853], 59–62, pl. 5, figs. 11–15 (in *Homo*; Egypt); 1856a, 49–52, 65–68.—Agnew, 1881, 709.—Aitken, 1866, 841, fig. 14a (to Bilharzia); 1872, 206, fig. 37.—Albarran, 1897b, 1098, 1104, 1105, 1106.—Almeida Couto,

DISTOMA—Continued.

- 1872, 4, 6, 7, 13, 24, 42.—Anders, 1903, 6. ed., 1245–1246.—Batho, 1872b, 502; 1872, 331.—Belleli, 1885b, 54–56, figs. 19–20.—Ben., 1858a, 1861a, 188, 199, 200, 201; 1878a, 276.—R. Bl., 1888a, 636 (includes Bilh. hæm. Cobbold).—Bomford, 1887a, 53–55, pl. 11 to (Bilh.), reported for cattle in Calcutta.—de Bonis, 1876, 158, pl. 2, figs. 14–15; 1882, 174, pl. 2, figs. 14–15.—Bouchut, 1879a, 874–877 (chyluria).—Bowlby, 1891a, 194–195 (eggs in lungs and urinary organs).—Braun, 1883a, 41, 66–68, 181, fig. 17; 1903, 3. ed., 169 (to Schistosomum).—Brooks, 1897a, 492–493 (case in N. Y.); 1897, 617.—Burghart, 1904, XI, 6 (eggs); 1904, XII, 13, 2250.—Cantani, 1886, 9 (hematuria); 1886, 73.—Cobbold, 1859d, 364; 1860, 31; 1864b, 34, 197–204, figs. 44–45; 1865, —; 1865, 617; 1866, 6; 1871h, 359; 1871g; 1871k; 1873, 145; 1879b, 39.—Crevaux, 1874a, 173, 177.—Da Costa, 1884, 935.—Damaschino, 1882a, 949; 1882, 150; 1883a.—Dav., 1860, 312; 1877a, pp. lxxvii, lxxix, fig. 41; 318–321, fig. 13; 939, 940–944, 946, 973.—Delafield & Prudden, 1897, 130.—Dunclison, 1893, 142, 338, 506, 820, 1174.—Elbstein, 1884a (vescicle calculi).—Eichhorst, 1901a, 301.—Fritsch, 1867a, 752.—Goubert, 1878a, 132–133, fig. 61.—Griesinger, 1854a, 561–575; 1866a, 96; 1866, 381 (hæmatobium); 1872a, 472.—Guès, 1879a, 168.—Günther, 1858a, 208–209.—Hackley, 1886a, 519, fig. 885.—Handford, 1867b, 240–245, pl. 7, figs. 1–3; 1889a, 424–425.—Harley, 1865; 1869, 394; 1869, 379–387; 1871, 47; 1871, 359.—Haupt, 1878a, 19–20.—Hillmantel, 1893a, 230–233, figs. 1–3; 1893b, 4 pp., 3 figs.—Hoek, 1859, 42 (D. hæm. venæ portarum).—Huber, 1894, 294, 295, 296, 297, 298, 299; 1896, 580 (to Bilharzia).—Ijima, 1889b, 155.—Joel, 1866a, 308.—Jourdan, 1877a.—Kartulis, 1885a, 139–145, figs. 1–4 (eggs in abdominal organs); 1885b, 188–189; 1898b, 474–486, fig. 1; 1898c, 258–259.—Keating, v. 3, 768.—Koch, —, 11, 14, 21.—Kuech., 1855, 212–222, pl. 6, figs. 1–3.—Lancereaux, 1876.—Leão, 1896a, 233–234.—Lejtenyi, 1881a, 3.—Leuck., 1863a, v. 1, 9, 47, 49, 50, 111, 127, 449, 453, 455, 466, 488, 526, 617–632, figs. 145, 208–216; 1868, v. 2 (2), 458; 1876, v. 2 (3), 628, 629, 630, 633, 637, 638, 873; 1879, 10, 58, 59, 61, 163, 165, 166, 188, 211, figs. 29, 78.—Leuck., 1886d, 7, 44, 46, 47, 127, 128 to (Bilharzia), 129, 148, 166, figs. 29, 78.—Lewis, 1872, 3.—Looss, 1892, 82; 1905, 100 (to Schistosoma).—Manson, 1901, 542 (to Bilharzia); 1903, 3. ed., 605 (to Schistosomum).—Mantey, 1880.—Meckel, 1856, 46–47.—Meinecke, 1897a, 209–211, 1 pl. (bladder case).—Meissner, —, 84–85.—Mosler & Peiper, 1894, 179–185, figs. 71–73.—Moul., 1856a, 25, 48, pl. 4, fig. 25.—Nachtigal, —, Nitze, 1891, 40, 1891, 692.—Ogden, 1900, 267–268, figs. 49–50.—Paul, 1860, 20.—Purdy, 1900; 208–210, figs. 32–33.—[Renoult, 1808, 366–370.]—Reyer, 1856, 214.—Rieder, 1899, 84, fig. 19.—Rindfleisch, 1884, 203, 210–211.—Roberts, 1865, 493.—Rochard, 1871, 298.—Roger, 1901, 95.—Ruetimeyer, —.—Sachs-Bey, 1880, 1253–1255.—Sandwith, 1901, 690.—Schiess-Bey, —, 303.—Schneidemuehl, 1896, 300–301.—Shaw, 1901, 645.—Sieb., 1852, 59–62, 71; 1852, 537; —, 454.—Simon, 1897, 99, 209, 224, 510.—Simpson, 1872, 320–321.—Sondern, 1897, 554–557, figs. 1–6.—Sons., 1875, 9; 1876, —.—Stiles, 1898a, 58–60 (to Schistosoma), figs. 41–44, 48.—Stiles & Hass., 1898a, 93, 98 (type of Schistosoma).—Weichselbaum, 1898, 315.—Wood & Fitz, 1897, 9, 335.—Virchow, 1891, —.—Zancarol, 1882, 144; 1883, 45; 1884, 306.—Zuckerlandl, 1880, 1253.—Zuern, 1882, 220, 223.
- hæmatobium hominis* Dies., 1855, 63, footnote (for D. hæmatobium).
- hæmatobium venæ portarum* Hoek, or Pag., 1859, 42 (for D. hæmatobium).
- hæmatoma* Braun, 1891d, 426, see hematoma.
- halecis* (Gmelin, 1790) Zed., 1803a, 222.—Dies., 1850a, 372 (syn. of D. ocreatum Rud.).—Mont., 1891, 496.—Rud., 1809a, 398.
- halosauri* Bell, 1887a, 116–117 (in Halosaurus macrochir; Cape St. Vincent).—Braun, 1892a, 580, 665; 1893a, 876; 1893d, 467.—Hoyle, 1890, 540.—Mont., 1889, 322; 1893, 83.
- helicis* Leidy, 1847, 220–221 (in Helix alternata).—Dies., 1855a, 398 (renamed Cercariæum Helicis alternatæ); 1858d, 278 (syn. of Cercariæum vagans).
- helicis asperæ* Dies., 1850a, 302–303 (based on Duj., 1845a, 472, in liver of Helix aspersa) (to Heterost.).
- helicis pomatiæ* Dies., 1850a, 303 (to Heterost.), see also Mueller's Arch., v. 5, p. 71, pl. 1, fig. 7.—Vaney & Conte, 1899, 196.

DISTOMA—Continued.

- hematoma* Semprum, 1890, 596 (in Homo; Cuba).—R. Bl., 1891p, 611–612.—Braun, 1891d, 426 (hæmatoma).
- hemicyclum* Mol., 1859, 829–830 (in *Belone acus*; Padua).—Carus, 1884, 127.—Stoss., 1886, 43 to (Echinost.).
- hepaticum* (Linn., 1758) Abildg. —.—Abela, 1883, 47.—Aitken, 1866, 804, 839 (to Fasc.).—Alexander, [1833a, 319–323; 1833b, 405].—Anacker, 1888b, 314; 1892c, 94.—Andral, [1829c, 504, 520]; 1829d, 633.—Appenheim, 1899, 104–105 (lungs of sheep).—Armatage, 1895, 429.—Aschoff, 1892, 495.—Askanaazy, 1901, 75.—Assénova, 1899, 21, 28, 31, 90–93, 118.—Baer, 1828f, 197–198.—Baillet, 1866b, 99–104.—Baldi, [1900a, 223].—Bellingham, 1844a, 423.—Ben., 1858a, 1861a, 100, 170, 197.—Bettend., 1897a, 4, 7, 8, 9, 12, 15, 17, 18, 26, 27, 31, 33, 34, 36, 39, 42, 43, 44, pl. 2, fig. 8, 9, 10, 13, 14, pl. 4, fig. 26, 27, 28, 29, pl. 5, fig. 33, 34, 35, 36, 37, 38, 39, 40, 41, 42; 1897b, 308, 311, 312, 313, 316, 319, 321, 322, 330, 331, 335, 337, 338, 343, 346, 347, 348, pl. 29, fig. 8–10, 13, 14, pl. 31, fig. 26–29, pl. 32, figs. 33–42.—Bilharz, 1856a, 49.—Billet, 1893a, 506, 508, 509.—Bitting, 1895b, 83–85, pls. 1–2, figs. 1–12.—R. Bl., 1886, 306; 1888a, 543 (syns. Fasc. hepatica Linn., F. humana Gmelin, F. lanceolata Rud., 1803), 543–602, figs. 295–311, 602 (of Zed., 1800; Rud., 1810, syn. of Dist. lanceolatum), 603, 606, 609, 623, 631.—Blochmann, 1892b, 650.—Boele, [1828a], 34.—Bojanus, 1817b, 274; 1821a, 162–190; 1821b, 305–307, pl. 4.—de Bonis, 1882, 105, 171, pl. 2, fig. 12.—Bos, 1894a, 240–245, fig. 141–142.—Brand., 1888a, 41, 42; 1890a, 570–572; 1891d, 7, 11, 12; 1898a, 208, 214, (16, 22).—Brass, 1885, 41.—Braun, 1883a, 41, 44, 49, 53, 59–62, 70, 71, figs. 11–15; 1890a, 473; 1890d, 568; 1891d, 425; 1892a, 568, 586, 588, 589, 591, 592, 593, 594, 596, 597, 601, 602, 603, 604, 607, 608, 609, 610, 611, 612, 616, 623, 624, 628, 629, 631, 635, 638, 641, 644, 645, 669, 674, 675, 678, 681, 682, 684, 688, 690, 695, 701, 703, 705, 712, 717, 719, 724, 725, 728, 730, 733, 745, 747, 748, 755, 766, 768, 781, 783, 798, 806, 814, 815; 1892f, 44; 1893a, 861, 865, 875, 878, 880, 882, 910; 1893f, 424; 1894i, 606; 1895b, 11, 12, 126, 132, 133, 134, 138–141, figs. 43, 46–51, 53–56; 1897a, 1387, 1467, 1468, 1522; 1900a, 1668; 1903, 147 (to Fasc.); 1906, 134, 140, 150 (to Fasc.), figs. 69, 75, 83.—Brunet, 1902, 119–128 (Tunisie).—Brusina, (1898a), 227–228.—Burm., 1837a, 529.—Buttel-Reepen, 1902, 178, 184, 185, 203.—Caraes, 1888a, 41.—Carter, 1862a, xxx–xxxii.—Carus, 1863, 479.—Chatin, 1886b, 244; 1887d, 1004.—delle Chiaje, 1833, 11–12, 115–116, pl. 2, fig. 12; [1837a, 16].—Cobbold, 1866, 6, 7, 8; 1879b, 15, 16, 17, 278; 1883p, 401; 1884g, 976 (of Taylor).—Cope, 1887, 392; 1887, 546.—Crep., 1837a, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 325, 326, 327, 328; 1839a, 288; 1841a, 80.—Creutzburg, 1890a, 10, 11, 21.—Da Costa, 1884, 935.—Darr, 1902, 683.—Dav., 1877a, lxxv–lxxvi, figs. 35–38, 240–257, 321–330, 781, figs. 2, 7, 14.—Desmonceaux, 1868, 6.—Dewitz, 1892, 117–125, figs. 62, 66, 68, 70, 75, 77, 78.—Dies., 1836, 240; 1850a, 332–333 (syns. Fasc. hepatica Linn., Dist. hepaticum Zed.), 333–334 (of Zed., 167, syn. of Dist. lanceolatum Mehlis); 1858e, 331; 1859c, 427.—Duncker, 1881a, 24.—Dunglison, 1893a, 338, 424, 820, 875, 1174.—Eichwald, 1829a, 248.—Eiss, 1838a, 21–22.—Encycl. méthodique, Par., 1824, v. 2, 316.—Encycl. metropolitana, 1845, v. 18, 141.—Erc., 1881e, [58, 64, 69, 90, 91]; 1882a, 294, 300, 305, 326, 327.—Eschricht, 1840a, 73; 1855, 1.—Fagge & Pye Smith, 1902, 4. ed., 475 (to Fasc.).—Fenger, 1854, 173.—Fischer, 1883a, 24, 25, 29, 40.—Fischder., 1903h, 507.—Fitz, 1876a, 1876b, 513, 514.—Florance, 1866a, [22].—Fraip., 1880a, 398; 1880c, 418, 426, 428; 1881b, 36, 39; 1883a, 35, 41.—Francis, 1891c, 127–130, pls. 1–2; 1892b, 608; 1894a, 450.—Fritsch, 1885a, 408; 1888a, 212.—Gaede, (1817a), 8.—Gafiron, 1883a, 509.—Gamb., 1896, 4, 63, 64, 68, 72.—Ghose, 1869a, 210–211 [evidently *D. crassum*].—Giard & Billet, 1892a, 614.—Gomez, 1879a, 81–89.—Gomy, 1897a, 372.—Gosse, (1857a), 124.—Grall, 1887a, 460, 469.—Griffith & Henfrey, 1883a, 268.—Gronkowski, 1902a, 511, 512, 514, 515–517, 518, 519, 521, 522, 523–529, 530, 531, 532, 533 [4, 5, 7, 8–10, 11, 12, 14, 15, 16–22, 23, 24, 25, 26], figs. B, C, pl. 13, figs. 1, 5, 16.—Günther, 1858a, 205–207.—Gurlt, 1831, 193, 370–372, pl. 8, figs. 29–33.—Hackley, 1886, 518, fig. 880.—Hahn & Lefèvre, 1884a, 516–537, 538, 539, 541 (syn. Fasc. hep.).; 1884, 805.—Harley, 1864a, 62.—Harris, 1899a, 900.—Henneguy, 1906, 47–88, pl. 3, figs. 1–24; 1906, 46–48, pl. 3, figs. 1–24.—Hoeven, 1859, 211.—Huber, 1896, 576 (Bassi's magna).—Hutcheon, 1903m, 551–554 (pathology).—Jamieson, 1897a, 73.—Janson, 1893c, 261.—Joy, 1835a, 504, 505, 518–519; 1845a, —.—Juel, 1889, 13, 14, 16, 19, 22, 26, 29, 36, 41.—Kampmann, 1894b, 445.—Kastenbaum, 1899, 243–248, fig. 33, 34.—Kath., 1894a, 143.—Kerbert, 1881a, 530, 536, 538, 539, 540, 547, 551, 565, 566, 567, 569, 570.—Kholodk., 1898a, 24, 25, 26, 27, pl. 10, fig. 5, 22;

DISTOMA—Continued.

- 1899a, 149-165, figs. 171-174, 177f, 178.—Kitasato, (1884a), May 10.—Knoch, 1894a, 4, 11, 12, 13, 16.—Kowal., 1894a, 220; 1895c, 372-390, pl. 8, fig. 8; 1895g, 20, [60]; 1896d, 7, [257] (in *Cervus capreolus*; Dublany); 1896i, 9, [353].—Krabbe, 1865, 60.—Kuech., 1855, 183-207, 208, 210, 241, 481, pl. 5, figs. 1-10; 1857, 247-272, pl. 5, figs. 1-10.—Kuech. & Zuern, 1881, 290, pl. 7, fig. 1, 2, 4, pl. 8, fig. 14.—Lamoureux, 1824a, 560, 561, 562, 563.—Lampert, 1898a, lxxxii-lxxxiii.—de Lanessan, 1882, 221-238, figs. 193-203.—Laspeyres, 1904a, 5, 7.—Leidy, 1874b, 364-365.—Lejtenyi, 1881a, 5, 7, 8, 11, 16, 18.—Leuck., 1863, 13, 14, 48, 100, 456, 457, 458, 463, 464, 465, 469, 471, 472, 475, 476, 479, 480, 483, 484, 487, 488, 490, 517, 520, 522, 526, 527, 529, 530-586, 587, 588, 589, 590, 591, 593, 594, 595, 596, 597, 599, 601, 602, 603, 604, 605, 606, 607, 608, 609, 612, 626, 740, 765, fig. 153, 156, 160, 165, 182, 184-191, 193; 1868, 405; 1876, 868-870, 871, 872; 1879, 16, 17, 59, 74, 164, 186, 208, fig. 39, 68, 69, 70; 1882f, 524-528; 1882g, 320-322; 1886, 12, 46, 56, 73, 81, 128, 146, 147, 161, 164, 589, fig. 35, 39, 68, 69, 90; 1892b, 797, 799.—Lindquist, 1882, 180; 1887, 391.—Linst., 1873, 98, 99, 101, 102; 1883, 308; 1890f, 175; 1901, 280; 1906, 175 (syn. *Fasc. Linn.*, 1746, which included *Dist. hep.*, *Dendrocoelium lacteum*, and *Schistocephalus solidus*).—Looss, 1885b, 6, 7, 10, 12, 15, 17, 19, 25, 26, 31, 34, 38; 1892, 126, 132-136, 141, 179; 1894, 1, 19, 65, 93, 115, 116, 117, 118, 120, 122, 125, 131, 138, 142, 144, 153, 159, 171, 172, 180, 181, 206, 212, 215, 220, pl. 6, figs. 118-120; 1895, 75, 85; 1896, 33-36; 1898, 459; 1899, 556; 1905, 88 (to *Fasc.*).—Love, 1896a, 48-49.—Ludwig, 1886a, 852-853, figs. 803, 805, 809.—Lutz, 1893a, 128.—Macé, 1882, 91 pp., 3 pls.—Manson, 1903, 3 ed., 639.—Mégnin, 1882s, 221 (in lungs of *Bos taurus*).—Michalik, 1891, 57.—Minot, 1884a, 418.—Miura, 1889, 317.—Mlinarich, 1832, 14.—Mol., 1859, 825.—Morniez, 1896, 321.—Mont., 1888, 14, 23, 24, 32, 37, 38, 39, 40, 41, 43, 47, 49, 50 (epaticum), 52, 53, 54, 56, 57, 58, 59, 60, 69, 72 (hepaticum), 73, 74, 75, 76, 80; 1893, 7, 12, 13, 22, 25, 26, 31, 33, 37, 38, 40, 41, 44, 45, 65, 66, 72, 75, 76, 77, 83, 85, 86, 88, 95, 99, 102, 104, 106, 110, 113, 132, 142, 207, 212.—Mosler & Peiper, 1894, 169-175, figs. 65, 66.—Moul., 1856a, 12, 17, 18, 19, 21, 23, 43, 102, 267.—Muehl., 1898, 9, 21.—Nord., 1832a, 47, 55; 1840, 547, 616, 617.—Ofenheim, 1900, 152.—[Organesyantz, 1873-74, 205].—[Oken, 1835, 550-551].—[Olfers, 1816, 4; 1816, 30, 44].—Oppenheim, 1899, 104-105.—Owen, 1843, 56, fig. 27.—Packard, —, 522.—Padrone, 1904, 489.—Pag., 1857, 53.—Parker, E. A., 1891, 79, 124, 266, 268.—Parkes, L. C., 1889, 71, 310.—Paul, 1860, 20, 90.—Poir., 1885, 1, 4, 20, 23, 32, 37, 40, 46, 50, 51, 55, 56, 66, 67, 70, 77, 80, 90, 92, 93, 94, 101, 102, 113, 114, 115, 116, 117, 118, 120, 131, 133, 144, pl. xxvii, fig. 2, 3, pl. xxix, fig. 5, pl. xxx, fig. 4; 1887, 203-208, 210.—Prunac, 1884, 14 pp.—Rail., 1886, 286, 293, figs. 180-189; 1890, 836-839; 1890, 143.—Rail. & Marotel, 1898, 31, 32.—Ratz, 1898, 298; 1899, 617; 1900, 532.—Rindfleisch, 1884, 210.—Risso, 1826, no. 34; 1826, 262.—Rivolta (1881), 68; (1887), 391.—Roberts, 1888, 686.—Roewer, 1906, 187.—Rossbach, 1906, 381, 387, 392, 394, 402, 414, 419, 428, 429, 432, pl. 19, figs. 47-48.—Rud., 1803, 62; 1809a, 50, 214, 349, 352-357 (syns. *Fasc. hep. Linn. Plan.*, *latiuscula Goeze*, *Fasc. humana Gmelin*, *Dist. hep. Zed.*, *Fasc. lanceolata Rud.*), 378; 1819a, 92-93, 363-364, 576-577, 583, 588, 616, 617.—Ruser, 1892, 548 (in lungs).—St. Remy, 1891, 220.—Schaeffer, 1721, 1719-1721.—Schauinsland, 1882, 497.—Schneidemuehl, 1896, 296-300.—Schubart, 1853, 28-31.—Schuberg, 1894, 185.—Seeger, 1852, 51.—Shaw, 1901, 619, fig. 220.—Sidekriit. *Vet. Med.* (1882), (see also *Amer. Vet. Rev.*, 1887, 391).—Sieb., 1835, 57, 64, 65; 1836, 233, 237; 1850, 644, 672, 673; 1854, 7.—Signal, 1884, 232.—Simon, 1896, 182, 190, fig. 51; 1897, 209, 222-223, fig. 52.—Sjoebeck, 1830, 10.—Steenstrup, 1842, 27.—Stevenson, 1892, 274, 498.—Stiles, 1898a, 29, 49; 1905z, 14.—Stiles & Hass., 1892a, 89.—Stoss., 1892, 7 (to *Cladocœlium*).—Tasch., 1878, 176.—Taylor, 1885, 58-60, 1 fig.—Tennent, 1906, 666.—Theobald, 1900, 52.—Thomas, 1883, 329.—Vogt, 1878, 9, 38, 42, fig. 28, 35.—Vogt & Yung, 1888, 226-248, figs. 99-108.—Wagener, 1860, 174.—Wagner, 1883, 109, 120-121.—Wallenstedt, 1847, 7.—Walter, 1858, 269-297, pls. 11-13.—Ward, 1895, 246 (to *Fasc.*), 253 (in part *Curtice*, syn. of *Fasc. magna*); 1903, 865 (syn. *Fasc. hep.*).—Weichselbaum, 1898, 314.—Weinland, 1859, 280.—Wheeler, 1894, 117-118 (New Orleans).—Will.-Suhm, 1870, 1; —, 175-179.—Wolf, 1903, 612, 613, 616.—Wood & Fitz, 1897, 336.—Ziegler, 1883, 542, (543), 545, 546, 553, 556, pl. 33, fig. 13, 14, 15; 1883, 488.—Zuern, 1882, 204, 208, 209, 211, 216, pl. 4, figs. 5-9.
- *hepaticum*, anatomy of: Havet, 1900b, 351-381, pls. 1-4, figs. 1-28 (nervous system).—Macé, 1882, 91 pp., 3 pls., 18 figs.; 1882, 7-9.—Marcinowski, 1903a,

DISTOMA—Continued.

- 544-550; 1903b, 477; 1903c, 2391; 1903d, 738-739; 1905a, 21-22 (Schlundganglion).—Mehlis, 1825, 42 pp., pl. 1; 1826, 627.—Prenant, 1904, 522-525 (intest. epithelium).—Sommer, 1880, 539-640, pls. 27-32.—Veratti, 1900, 115-125 (nervous system).
- *hepaticum*, embryo of: Coe, 1896a, 561-570, pl. 42, figs. 1-5; 1897a, 30.
- *hepaticum*, geographic distribution of: Brunet, 1902a, 119-128 (Tunisie).—Mol., 1859, 825 (*Ovis aries*, *Bos taurus domesticus*, *Equus caballus*; Padua).—Saito, 1906, Aug. 7, 822.
- *hepaticum*, intermediate host of: Agric. J., Cape Town, 1896, Apr. 30, 221.—Cherry, 1896a, 183 (*Bulimus*, in Victoria).—Studer, 1882, 10-11.
- *hepaticum*, in various animals: LUNGS OF CATTLE: Barbagallo, 1903-4, 165 (Catania).—Cope, 1887a, 385-386.—Curtice, 1887a, 390-392.—Hedley, 1881a, 374-375; 1881b, 399-400; 1881c, 27-28.—Littlewood, 1887a, 546.—Mégnin, 1882, 221.—Morot, 1889, 159.—Murray, 1882, 100-103.—Schmidt, 1887, 361-362 (Europe).—Vet. J. & Ann. Comp. Path., Lond., 1899, v. 49, Sept., 179-180.—IN MAN: R. Bl., 1888a, 589-595; 1891p, 604-606 (Sagarra's case in 1890 in Spain).—Carter, 1862a (India).—Lockwood, 1901a, 2 ed., 821.—Manson, 1901, 539, 540 (also life cycle).—Preuss. Militärärztl. Ztg., 1863, v. 3 (2), 15.—Tyson, 1903, 3 ed., 1180.—Ward, 1895, 328.—IN SHEEP: Brett, 1881a, 139-142; 1881b.—Curtice, 1890c, 16-17, 127-134, pl. 16.—Friedberger, 1878a, 145-166.—Lesson, 1812a.—Lydtin, 1890a, 373 (in bronchi).—Trollip, 1893, 424-425.—Scalvo, 1900-01, (41); 1902, 221-222.—MISCELLANEOUS: Anders, 1903, 6. ed, 1245 (horse, goat, ass, sheep, rabbit, man).—Hutcheon, 1900i, 497 (duiker antelope).—Joel, 1866a, 308 (*Bos taurus*; liver).—Piana, 1882, 12 pp. (domestic ruminants; liver).—Ward, 1895, 332 (*Bos taurus*), 335 (*Ovis aries*), 338 (*Equus caballus*).—See also Fascioliasis.
- *hepaticum*, life history of: Erc., 1881a, 123-130; 1881b, 320-326; 1881c, 11 pp.; 1881d, 229; 1881, v. 7, 443-447.—Gulliver (1840c), 30-31 (eggs); 1841a, 507-508; 1842a, 95.—Henneguy, 1902a, 1235-1238 (egg, maturation, fecundation); (1902b), 128-131; 1905, July, 49.—R. Leuck., 1881c, 641-646; 1882a; 1882b, 80-119; pl. 8, figs. 1-9; 1882c-e; 1882f, 524-528; 1882g; 1883a; 1884c.—Lutz, 1892a, 783-796, figs. 1-5; 1892b, 436-437; 1892c, 301-306; 1893b, 320-328; 1893c, 389-393; 1893d, 24-25.—Minot, 1884, 418.—Schauinsland, 1882, 494.—Weinland, 1883, 89-98.
- *hepaticum*, method of feeding of: Bossuat, 1902, 186-187; Rail., 1890, Mar., 88-92; 1890, June 30, 271-272; 1890, Aug. 22, 277.
- hepaticum ægyptiaca* (also *egyptiaca*) Looss, 1896b, 10, 33-36, 151, 183, 192, 204, 205, pl. 3, fig. 16, pl. 11, figs. 117-118 (in "buffles, bœufs, moutons;" Alexandria); 1898a, 459, 460.—Linst., 1901, 420 (in *Bos zebu*, *Ovis aries*).
- hepaticum angusta* (Rail., 1895) Looss, 1898a, 459.
- hepaticum hominis* Cobbold, 1884g, 976.
- hepaticum (perniciosum)* Taylor, 1884, 52-53, fig. 2.—See *hepatis perniciosum*.
- hepatis endemicum* Bælz, 1883, 234-236, fig. 1 (in *Homo*; Japan).—R. Bl., 1888a, 618 (syn. of *D. japonicum*), 619-621, figs. 320-322 (description and infection); 1891, 607 (syn. of *D. sinense* Cobbold).—Braun, 1903, 3. ed., 161 (syn. of *Opisthorchis sinensis*).—Hahn & Lefèvre, 1884a, 542-544.—Kamensky, 1900a, 18.—Katsurada, 1900, 479.—Looss, 1905, 90 (syn. of *Opisthorchis sinensis*); 1907, Feb. 1, 140.—Rail., 1893a, 362 (syn. of *D. sinense*).—Ward, 1895, 328 (in *Homo*) (syn. of *D. sin.*); 1903, 870 (syn. of *Opisthorchis sinensis*).—See *Clonorchis*.
- hepatis innocuum* Caræ, 1888a, 41, pl. 1, for *innocuum*.
- hepatis innocuum* Bælz, 1883, 236, fig. 2.—Billet, 1893a, 509 (syn. of *D. sinense* Cobbold).—R. Bl., 1888a, 618 (syn. of *D. japonicum*), 621-622, figs. 323-324; 1891, 607 (syn. of *D. sinense*).—Braun, 1903, 3. ed., 161 (syn. of *Opis. sin.*).—Caræ, 1888a, 41, pl. 1 (*innocuum*).—Cobbold, 1884g, 976.—Grall, 1887a, 460, 468, 469, 1 fig.—Hahn & Lefèvre, 1884a, 544 (syn. of *D. sin.*).—Hoyle, 1890, 538.—Kamensky, 1900a, 18.—Katsurada, 1900, 479.—Looss, 1905, 90 (syn. of *Opisth. sinen.*); 1907, Feb. 1, 140.—Rail., 1893a, 362.—Ward, 1895, 328 (in *Homo*) (syn. of *D. sin.*); 1903, 870 (syn. of *Opisth. sin.*).—See *Clonorchis*.
- hepatis perniciosum* Bælz, 1883, 234.—Billet, 1893a, 509 (syn. of *D. sinense* Cobbold).—Caræ, 1888a, 41.—Cobbold, 1884g, 976.—Grall, 1887a, 460, 469.—Katsurada, 1900, 479.—Looss, 1905, 90 (syn. of *Opisth. sin.*).—See *Clonorchis*.

DISTOMA—Continued.

hepatium Rivolta, 1884, 27, for *hepaticum*.

heteroclitum Mol., 1859, 289 (in *Perdix coturnix*; Batavii); 1861, 203.—Braun, 1893a, 874; 1902b, 116.—Dies., 1859c, 430.—Looss, 1899b, 650 (thinks this may be a *Clinost.*).—Mont., 1893, 155.—Stoss., 1892, 174 (to *Mesogonimus*).

heterolecithodes Braun, 1899a, 3 (in *Porphyrio porphyrio*; from Madagascar, Africa); 1899, 632; 1899, 133–135, 300 (in *Gallinula chloropus*, *Porphyrio porphyrio*); 1902b, 109.—Looss, 1899b, 635 (type of *Athesmia*); 1902m, 790.—Jacoby, 1899a, 133–135; 1899b, 300 (in *Gallinula chloropus*, *Porph. porph.*); 1899c, 1–30, 2 pls.; 1900, 1–11, 12, figs. 1–5.

heteromorphum Crep., 1837a, 317 (in *Trigonocephalus* sp. dub.); 1846a, 147 (in *Trigonoc.* sp. dub.).

heterophies Perroncito, 1879, 6, for *heterophyes*.

heterophyes Sieb., 1852, 62–64, pl. 5, figs. 16–17 (in *Homo*; Egypt); 1853, 455, pl. 5, figs. 16–17.—Aitken, 1866, 804, 839; 1872, 146, 205; 1874, 58.—Arschoff, 1892, 495.—Bilharz, 1856a, 50.—R. Bl., 1888a, 625, 627, fig. 325, 631; 1891s, 791; 1891p, 609, 610, 611.—de Bonis, 1876, 163; 1882, 179.—Braun, 1883a, 66; 1892, 50; 1892a, 581, 642, 707, 735, 738; 1895b, 143–144, fig. 59; 1900h, 3, 6; 1901e, 334, 336, 337; 1903, 3. ed., 164 (to *Cotylogonimus*).—Cobbold, 1860a, 6; 1864, 194; 1866, 6; 1876, 210, 211; 1879b, 34–35, fig. 4; 1883, 401 (*hyterophytes*).—Dav., 1877a, lxxvii.—Dies., 1858e, 332.—Dunglison, 1893, 338, 820, 1174.—Eichhorst, 1901, v. 1, 301.—Goubert, 1878, 101.—Günther, 1858, 207–208.—Hahn & Lefèvre, 1884a, 546.—Harley, 1864a, 62.—Hoek, 1859, 42 (or *Pag. id.*).—Hoyle, 1890, 538.—Huber, 1896a, 579.—Ijima, 1889b, 147.—Jacoby, 1900, 22, 23 (*D. fraternum* and *D. heterophyes* with *D. lingua* and *D. concavum* together form one group).—Jägers., 1898, 7, 8, 9, 12 (compares *D. het.*, *D. fraternum*, *D. lingua*).—Jamieson, 1897a, 74.—Janson & Tokishige, 1892, 350.—Janson, 1893c, 265.—Kholodk., 1898, 26, 30, pl. 11, fig. 14; 1899a, 152.—Kuech., 1855, 210–212, pl. 4, figs. 11–12.—Kuech. & Zuern, 1881, 338.—Leuck., 1863a, 526, 613–616, 619, fig. 207; 1889, 399.—Looss, 1894d, anatomy, 1–42, pl. 1, figs. 1–8, pl. 2 (figs. 9–12); 43, 44, 45, 46, 47, 48, 49, 51, 52, 55; 1894a, 168; 1895a; 1896b, 60, 61, 63–64, 156, pl. 5, figs. 38–40; 1896h, 863–864; 1899b, 533, 539, 550, 556, 585 (type of *Cenogonimus*), 709; 1900, 607; 1902m, 804, 805, 886.—Luehe, 1899, 538, 539 (type of *Cotylogonimus*).—Manson, 1901, 541 (in man in Egypt; apparently no morbid symptoms); 1903, 3. ed., 664 (to *Mesogonimus*).—Moniez, 1896, 86, 133, 141–144, fig. 28.—Mont., 1893, 95, 155, 157; 1896, 168.—Mosler & Peiper, 1894, 177, fig. 69.—Mueh., 1898, 81, 82 (compares *D. het.* and *D. fraternum* with *D. concavum*, which he looks upon as *Mesogonimus*).—Paul, 1860, 20.—Perroncito, 1879, 6 (*heterophies*).—Rail., 1890, 138 (to *Mesogonimus*).—Roberts, 1888, 673.—Sandwith, 1899, 591; 1899, Sept. 30, 888 (case).—Schneidemuehl, 1896, 302.—Simon, 1897, 209, 223–224.—Sons., 1883, v. 1, 155 (found by Sons., Egypt); 1896, 295, 299, 314.—Stiles, 1904i, 44 type of *Heterophyes*.—Stiles & Garrison, 1906a, 76.—Stiles & Hass., 1900a, 563 (type of *Heterophyes*).—Stoss., 1892, 31–32 (to *Mesogonimus*); 1898, 42.—Swart, 1862, 37.—Verrill, 1870, 171.—Vogt, 1878, 10, 13, 14.—Wagner, 1883, 121.—Ward, 1895, 328 (in *Homo*); 1903, 870.—Wood & Fitz, 1897, 335.—Also reported for *Canis familiaris*.

heterophyes hominis Dies., 1855, 64, for *heterophyes*.

heteroporum Duj., 1845a, 402–403 (in *Vespertilio pipistrellus*; Rennes) • (to *Brachycoelium*).—R. Bl., 1891, 467–468.—Brand., 1888, 249, 250, pl. 17, fig. 4.—Braun, 1891d, 421; 1892a, 568, 579, 715, 766; 1893a, 911; 1893b, 185 (in *Vesperugo pipistrellus*); 1900, 224, 227; 1900, 388.—Cobbold, 1860a, 8; 1879b, 294.—Dies., 1850a, 382–383.—Kolenati, 1857, 12.—Linst., 1884, 139.—Looss, 1892, 66; 1896b, 86; 1899b, 547, 611, 614, 618, 718 (type of *Pycnopus*); 1902m, 772.—Luehe, 1899, 536, 537.—Staff., 1903, 828.—Stiles, 1901, 197, 199, 200, 201, 202, 203.—Stoss., 1892, 12 (in *Nannugo pipistrellus*; Hameln, Rennes).

heterostomum Rud., 1809a, 50, 381–382 (in *Ardea purpurea*; t. l. apparently Europe); 1819a, 102–103, 388, 680.—Braun, 1892a, 578, 674, 721; 1893a, 872, 873, 910; 1899, 1 (*Dicrocoelium*); 1899g, 465, 484, 485, 486 (of Rud., 1809a, to *Clinost.*); 1900, 140–141; 1900h, 4, 9, 13, 14, 15, 16, 17, 18, 19 (includes the following as syns. of *Clinost. heterostomum*: Rud., 1809a, 1819a; Duj., 1845a; Dies., 1850a; Stoss., 1892; Par., 1896) (in *Ardea cinerea*, *A. purpurea*, *Nycticorax griseus*), 20, 24, 25, 26, 28, 29, 30, 31, 42, 43, pl. 1, figs. 1–2; 1901, 561.—Cobbold, 1860a, 10.—Dies., 1850a, 353 (includes *Fasc. epatica* of Rosa, in *Ardea purpurea*).—Duj., 1845a, 400.—Leuck., 1863, 503.—Looss, 1899b, 650, 651.—

DISTOMA—Continued.

- MacCallum, 1899, 697, 704, 705, 706, 707.—Mont., 1893, 95.—Olfers, 1816, 44.—Par., 1896, 2.—Stiles & Hass., 1898a, 86 (includes *C. gracile* Leidy, 1856, type of *Clinost. Leidy*).—Stoss., 1892, 64; 1892, 159; 1898, 42.—Wright, 1879, 3, pl. 1, fig. 1.—Also reported for *Ardea herodias*.
- heterostomum* from *Ardea purpurea* in Turin collection ("C. No. 43 resp. C. No. 361") and in collection of Par. (collected at Geneva).—Braun, 1899g, 491 (*Clinost. foliiforme*); 1900h, 30.
- heterostomum* Rud. of Linst., 1883, 306; 1886, 30, fig. 49.—Braun, 1899g, 491 (not *Clinost. heterostomum* but perhaps *Cl. complanatum*).
- heterostomum* Rud. of Wright, 1879, and MacCallum, 1899.—Braun, 1899g, 491 (not *Clinost. heterostomum* but probably *Cl. marginatum*); 1900h, 29, 43.
- heurteli* Poir., 1885, 9, 10, pl. 23, fig. 2 (in *Thynnus vulgaris*).—Buttel-Reepen, 1902, 167, 172, pl. 6, fig. 13.
- hians* Rud., 1809a, 359–360 (in *Ardea nigra*; Greifswald); 1814a, 101; 1819a, 94, 366, 680.—Baird, 1853a, 51 (includes *D. oesophagi ardeæ nigrae* Viborg).—Ben., 1858a, 1861a, 171, 202; 1868, 295, 296, 298, 299–300, pl. 1, figs. 6–7.—Braun, 1891d, 424 (in *Ardea cinerea*); 1892a, 584, 662, 699, 764, 768, 776, 784, 785, 786; 1893a, 873; 1893, 354; 1895b, 17; 1899g, 485, 486, 489 (from *Ardea cinerea*, in Pavia, and from *Nycticorax griseus*, in Cagliari, as syn. of *Clinost. heterostomum*); 1899, 465; 1900, 24, 25; 1900h, 14, 15, 17, 18, 19, 23; 1901b, 33; 1901, 896; 1901, 561; 1902b, 4.—Cobbold, 1860a, 10.—Condorelli, 1897c, in 118–124 (in *Hydrocolæus minutus*).—Crep., 1837, 311, 316, 324.—Dies., 1836, 248; 1850a, 337–338; 1858e, 333.—Duj., 1845a, 399.—Gamb., 1896a, 63.—Gurlt, 1845, 276.—Kueh., 1855, 192.—Leuck., 1879, 14, 15; 1886d, 11.—Looss, 1892a, 14; 1899b, 562–563 (type of *Cathæmasia*).—MacCallum, 1899, 706.—Mueh., 1896, 588–589; 1896, 252–257, figs. 3, 10; 1898, 28.—Mueller, 1897, 15–16, pl. 2, fig. 6.—Nathusius, 1837, 65.—Nord., 1832a, 90, 93; 1840, 617.—Olfers, 1816, 44.—Par., 1887, 331, pro parte (in *Nycticorax griseus*) (syn. of *Clinost. heterostomum teste* Braun, 1900h, 19).—Sieb., 1835, 66, 73, 82.—Stoss., 1891, 111; 1892, 160 (syn. *D. complanatum*).—Wagener, 1857, 26.—Will.-Suhm, 1876, 337, 339.—Also reported for *Ardea nycticorax*, *A. purpurea*, *Ciconia alba*, *C. nigra*.
- hippopodii* Vogt, 1854, 97–98, 99, pl. 15, fig. 3 (in *Hippopodius leteus*; Quoy et Gaimard, Mediterranean).—Braun, 1893a, 852.—Graefte, 1860a, 13.—Mont., 1888a, 77; 1888, 195; 1893, 124.
- hirudinis* Brand., 1888a, 13, misprint for *hirudinis*.
- hirsutum* Looss, 1896b, 68–73, 76, 78, 81, 98, pl. 5, figs. 45–49 (in *caméléon*; Alexandria); 1899b, 547 to *Lecithodendrium*.—Luehe, 1899, 536.—Stiles, 1901, 200.
- hirudinis* Henle.—[Crep., 1841a, 79 (*Distome* in *Hirudo vulgaris*), does not use combination].—Dies., 1850a, 418 (syn. of *Heptast. hirudinum* Schomburgk).
- hirundinum* Zed., 1800a, 163, 169–171 (for *hirudinis* Frœlich) in *Hirundo apus*, *H. urbana*; Europe; 1803a, 210.—Braun, 1901, 566; 1902b, 46 (syn. of *Plagiorchis maculosus*).—Dies., 1850a, 349 (syn. of *D. maculosum*).—Rud., 1809a, 374.
- hispidula* ventriculi accipenseris sturionis Viborg, 1795, 243, see *hispidum*.
- hispidum* Abildg. in Rud., 1819a, 118, 423–424 (in *Acipenser sturio*; Arimini, Berlin); 1809a, 435 (syn. of *D. sturionis* for *D. hispidula accipenseridis sturionis*).—Ben., 1870, 83.—Braun, 1892a, 567, 583, 594, 729, 737;—Carus, 1884, 126.—Cobbold, 1858b, 162, pl. 32, figs. 47–48, pl. 33, figs. 49, 50 (in *Acipenser sturio*); 1860a, 36.—Crep., 1829, 73–76; 1837, 311, 312, 325.—Dies., 1850a, 392–393.—Duj., 1845a, 470.—Kroyer, 1852–53a, 21, 778 (in *Acipenser sturio*; *Osmerus eperlanus*).—Leidy, 1887, 24.—Lint., 1901b, 414, 422, 478, fig. 321, 322, 323 (in *Phycis tenuis*); 1905, 328, 334, 364, 400, 478 (includes as hosts: *Menticirrhus americanus*; *Seriola lalandi*).—Looss, 1894a, 218; 1899b, 576, 581; 1901, 634.—Mehlis, 1831, 187–190.—Nord., 1832a, 90.—Odhn., 1902, 154.—Stoss., 1885, 156; 1886, 41; 1891, 216.—Also reported for *Acipenser glaber*, *A. ruthenus*, *A. stellatus*.
- histris* Dies., 1850a, 393–394 for *D. hystrix*; 1858d, 268.—Duj., 1845a, 433.—Mol., 1858, 131; 1861, 223.—Mont., 1888, 198.
- holostomum* Rud., 1819a, 94–95, 368 (in *Rallus aquaticus*; Vien. Mus.).—Braun, 1892a, 772; 1901, 561, 565; 1902b, 136 (syn. of *Urogonimus macrostomus* Rud.) (includes Dies., 1850a, 339; Duj., 1845a, 446; Rud., 1819a, 94, 368; Sieb., 1848, 144; 1853, 433; Walter, 1866, 14; Zeller, 1874, 574), 137.—Cobbold,

DISTOMA—Continued.

- 1860a, 11.—Dies., 1850a, 339, includes *D. ralli*; 1858d, 277.—Duj., 1845a, 446.—Fil., 1855b, 25.—Moul., 1856a, 21, 183 (in *Rallus aquaticus*; *Gallinula porzana*; *G. chloropus*).—Par., 1896, 2.—Sieb., 1836, 234.—Stoss., 1892, 145, to *Cladocœlium*.—Wagener, 1857, 24, 45.—Walter, 1866, 64.
- homocostomum* Dies., 1858e, 343 (*D. Triglae pini* Bellingham, 1844a, 428 renamed) (t. h. *Trigla* (Pini) cuculus; in ventriculo, Hibernia, Bellingham).—Cobbold 1860a, 30.—Stoss., 1886, 50.
- homolostomum* Linst., 1887, 104–105, pl. 2, figs. 5, 6, 17a (in *Limnæa stagnalis*).—Braun, 1893a, 873.
- horridum* Leidy, 1850, 303–304, pl. 43, fig. 1 (in *Boa constrictor*); 1850f, 118; 1856b, 44; 1904a, 41, 87, 227.—Braun, 1893a, 876; 1893d, 467.—Cobbold, 1860a, 20.—Dies., 1858e, 355.—Looss, 1894a, 196.—Luehe, 1899, 531, 532.—Sons., 1890,—; 1893, 499; 1893, 215–216; 1893, 2 pp.; 1893, 28 Oct., 566.—Stoss., 1895, 220 (in *Python molurus*); 1904, 2.—Volz, 1899, 235, 237.
- hospitale* Staff., 1900, 403, fig. 3 (in *Diemyctylus viridescens*); 1902, 481 (in *Plethodon*) to (*Brachyœlium*).
- hyalinum* Rud., 1809a, 389 (in *Salmo eriox*) Fasc. eriocis renamed; 1819a, 105.—Cobbold, 1860a, 26.—Dies., 1850a, 363.—Duj., 1845a, 465.—Harz, 1881c, 5 (syn. Fasc. eriocis Mueller).—Kroyer, 1843–45a, 624 hyatinum (in *Salmo eriox*).—Nord., 1840, 620 (syn. of Fasc. eriocis).—Olfers, 1816, 46.—Stoss., 1886, 50.
- hyans* Moul., 1856a, 49, misprint for hians.—Mehlis, 1831, 190.
- hyatinum* Kroyer, 1843–45a, 624 misprint for hyalinum.
- hyla* Rud., 1819a, 121 (in *Hyla arborea*).—Dies., 1850a, 342 (syn. of *D. cygnoides*).
- hystrix* Duj., 1845a, 433 (in *Pleuronectes maximus*, *P. platessa*).—Braun, 1892a, 655; 1893a, 865, 871, 873.—Carus, 1884, 128.—Dies., 1850a, 393 (histris); 1858e, 353 (in *Merlangus carbonarius*, *Lepidoleprus trachyrhynchus*; *Lophius piscatorius*; *Rhombus maximus*).—Fil., 1855b, 18, 19.—Gamb., 1896a, 72.—Kroyer, 1838–40a, 610, 612 (in *Platessa vulgaris*; *Rhombus maximus*).—Looss, 1899b, 581, 696 (to *Stephanost.*).—Mol., 1861, 223.—Moul., 1856a, 212 (Filippi believes *Cerc. echinocerca* is the young form), 219 (in *Pleuronectes maximus*; *P. platessa*).—Olls., 1868, 52.—Stoss., 1886, 37.
- hyterophytes* Cobbold, 1883, 401 (for heterophyes).
- [*illotum* Sluiter, 1898 (a tunicate).]
- imbutiforme* Mol., 1859, 839, 844–845 (in *Labrax lupus*; *Padua*).—Carus, 1884, 127.—Looss, 1899b, 576, 578, 581, 582; 1901, 631.—Mont., 1893, 177.—Stoss., 1883, 115; 1886, 36.
- imitans* Mueh., 1898a, 17–18 (in *Abramis brama*; *Kœnigsberg i. Pr.*); 1898b, 25, 91, fig. 8b.—Looss, 1899b, to *Asymphyllodora*.
- imparispine* Lint., 1905, 327, 334, 371, figs. 189–194, in *Rachycentron canadus*; N. C.
- incerta* Cobbold, 1885g, 177–178, 1 fig. (in *Coluber*; Maldonado, Rio Plata).—Braun, 1893a, 872.—Stoss., 1895, 230.—West, 1896, 322.
- incistidata* Erc., 1881e, 96, pl. 2, fig. 10, 11, 12; 1882a, 332 (probably incistidata simply means incysted and is not used as a specific name).
- incisum* Rud., 1809a, 361, 435 (*D. anarrichæ lupi* Rathke, renamed); 1819a, 94, 122.—Ben., 1870, 48, pl. 4, fig. 5.—Braun, 1893a, 875.—Cobbold, 1860a, 22.—Dies., 1850a, 339.—Duj., 1845a, 461–462.—Jacoby, 1900, 12, 13.—Kroyer, 1838–40a, 380 (in *Anarrichas lupus*).—Linst., 1903, 278.—Odhn., 1905, 310.—Olfers, 1816, 45.—Type of *Fellodist.*, 1904.
- incivile* Leidy, 1856b, 44 (in *Leiostomus obliquus*); 1904a, 87.—Cobbold, 1860a, 20.—Dies., 1858e, 350 (in *Leiost. obliq.*; Philadelphia).—Stoss., 1886, 40; 1895, 231.—Also reported for *Sciæna obliqua*.
- inclusum* Polonio, 1859, see Par., 1894, 149 (in *Triton punctatus*; Padova).
- incommodum* (Leidy, 1856) Leidy, 1891a, 414 (includes *D. oricola* Leidy, 1884); 1904a, 235.—Mont., 1892, 715.
- incomptum* Stoss., 1886, 51, for incomtum.
- incomtum* Rud., 1819a, 683 (in *Chætodon* sp., Brazil).—Cobbold, 1860a 27.—Dies., 1850a, 367.—Duj., 1845a, 459.—Stoss., 1886, 51 (incomptum).
- inconstans* Lint., 1905, 327, 334, 400, fig. 183–187, in *Chætodipterus faber*; N. C.

DISTOMA—Continued.

- incrassatum* Dies., 1850a, 390–391 (in *Lutra solitaria*; Brazil); 1855, 68, pl. 3, figs. 22–25; 1858e, 350 (in *L. sol.*).—Braun, 1901e, 317–318, 328, fig. 5, 8, 9; 1902b, 27.—Cobbold, 1879b, 298.—Mont., 1888a, 14.—Stoss., 1892, 30 (to *Echinost.*).
- increscens* Olss., 1868, 36–37, pl. 4, fig. 83 (in *Scomber*, *Merlucius*, *Hippoglossus*).—Ben., 1870, 37.—Braun, 1892a, 699.—Lint., 1901, 415, 479.—Mont., 1893, 95.—Odhn., 1905, 332 (in *Scomber*), 338 (syn. of *Lepodora rachiaea*, type).—Stoss., 1886, 42, to (*Echinost.*) (in *Hippoglossus maximus*, *Merlucius vulgaris*, *Scomber scombrus*).—Also reported for *Gadus merlangus*, *G. morrhua*.
- inermis* Nitzsch, MS., in Rud., 1819a, 375 (in *Anas boschas fera*) (syn. of *D. oxycephalum*).—Dies., 1850a, 346 (syn. of *D. oxyc.*).
- inermis* Fil., 1857c, pl. 2, fig. 16, for *D. inermis paludinae impuræ*.—Erc., 1881e, 35; 1882a, 271.—Harz, 1881c, 4.
- inermis* Linst., 1879, 183 (in *Petromyzon fluviatilis*).
- inermis paludinae impuræ* Fil., 1857c, pl. 2, fig. 16.—Erc., 1881e, 33; 1882a, 269.
- inflatum* Crep., 1849, 64 (in *Alauda arvensis*).
- inflatum* Mol., 1859, 826 (in *Anguilla vulgaris*; Padua).—Braun, 1892a, 699.—Looss, 1899b, 576, 581, 582; 1901, 634.—Mont., 1888a, 14 (? *Creplin* or ? *Molin*); 1893, 83, 95.—Odhn., 1902, 154.—Olss., 1868, 37.—Par., 1887, 335, pl. 6, fig. 37.—Stoss., 1885, 157; 1886, 42; 1902, 582.
- inflexum* (Rud., 1802) Rud., 1809a, 395–396 (includes *Fasc. jesis* Gmelin), host *Cyprinus jesis*; 1819a, 106.—Cobbold, 1860a, 26.—Crep., 1837, 326.—Dies., 1850a, 365–366 (includes *Bloch*, 1782a, 11, pl. 2, figs. 10–11; *Fasc. jesis* Gmelin, 1790a, 3058; *F. inflexa* Rud., 1802, 82–83; *D. carinatum* Zed., 1803a, 217).—Duj., 1845a, 463.—Erc., 1881e, 56; 1882a, 292.—Nord., 1832a, 88.—Olfers, 1816, 46.—Stoss., 1886, 51.—Wagener, 1857, 44.—Also reported for *Idus melanotus*.
- ingens* Moniez, 1886b, in 531–543, pl. 15, figs. 1–10 (host unknown); 1887d, 100–102; 1887e, 271; 1887f, 242–243; 1896, 143.—Bl., 1888a, 543; 1891r, 692–693 (syn. of *D. clavatum* Rud.).—Braun, 1889a, 397 (host unknown); 1892a, 586, 690; 1893b, 184.—Buttel-Reepen, 1900a, 585, 586, 587, 588, 590, 591, 592; 1902, 167, 171, 172, 173, 176, 196, 202, 206, pl. 6, fig. 18.—Darr, 1902, 666, 677, 678, 685.—Hoyle, 1890, 540.—Mont., 1888a, 39, 47; 1893, 22, 26, 27, 34, 36, 65, 72, 73.
- innocuum* Bætz of Taylor, 1884, 53 (for *D. hepatis innocuum*).—Caraes, 1888a, 36ff.—Grall, 1887a, 460.—Ijima, 1899b, 139.—Laspeyres, 1904a, 6, 12 (innocuum).—Looss, 1907, Feb. 1, 141, 148 (syn. of *Clonorchis sinensis*).
- innocuum hepatis* La Clínica de Málaga, 1883, 309 (for *D. hepatis innocuum*).—St.-Remy, 1883, 529.
- innocuum* Laspeyres, 1904a, 6, 12, for *innocuum*.
- insigne* Dies., 1850a, 347 (in *Echinorhinus spinosus*) (*D. scimna* Risso, 1826, renamed); 1858e, 335.—Ariola, 1899, 7, 9 (syn. of *D. veliporum* Crep.).—Braun, 1892a, 586, 591, 592, 593, 603, 608, 617, 623, 624, 625, 628, 635, 647, 655, 666, 669, 677, 682, 686, 690, 708, 712, 717, 719, 724, 731, 733; 1903a, 873.—Buttel-Reepen, 1902, 170, 171, 202, pl. 6, fig. 23.—Crep., 1851, 1, 296.—Darr, 1902, 683.—Fischer, 1883a, 29.—Jægers., 1900, 72.—Jourdan [1881b], 5, 9.—Kerbert, 1881a, 551, 557, 574.—Lander, 1904a, 7.—Linst., 1903, 354.—Looss, 1885b, 5, 10, 17, 26; 1894a, 152, 198, 199.—Mont., 1893, 27, 33, 34, 52, 77, 95, 102, 107, 192.—Olss., 1896, 508 (cf. *D. veliporum* Crep.).—Poir., 1885, 4, 21, 25, 26, 30, 32, 33, 37, 40, 42, 44, 48, 49, 51, 53, 61, 62, 70, 74, 75, 80, 82, 83, 87, 88, 94, 97, 105, 106, 107, 109, 117, 118, 120, 127, 129, 142, 150, pl. 33.—Villot, 1876, 1345; 1878, 2, 3–18, pl. 5, fig. 8, pl. 6, figs. 1–9, pl. 7, figs. 1–3, pl. 8, figs. 1–10; 1882, 506, 507.—Wolf, 1903, 619.—Ziegler, 1883, 545.
- instabile* Duj., 1845a, 412 (in *Sorex fodiens*; Rennes), to (*Brachylaimus*).—Braun, 1901, 342.—Cobbold, 1860a, 8; 1879b, 296.—Dies., 1850a, 387.—Stoss., 1892, 16 (in *Crossopus fodiens*; Rennes).
- intermedium* Mehlis, in Crep., 1846, 138, 139 (in *Colymbus cristatus*, *C. subcristatus*).—Dies., 1850a, 397.—Stoss., 1892, 183.
- [*intersectus* Lænnec, 1807, 1812c, 9–12 (*Distomus* n. g.), in *Homo*.]
- [*intestinale* Rud., 1819a, 119, see *D. aluconis intestinale*.]
- intestinale* Taylor, see Carter, 1862a, xxxi, in int. of *Homo*; District of Dacca, India.
- intestinalis ardæ nigræ* Viborg, 1795, 242.

DISTOMA—Continued.

- intestinalis testudinis mydæ* Viborg.—See Rud., 1809a, 433 (syn. of *D. testudinis mydæ* Rud.).
- intestinalis vulpis* Viborg, 1795, 242.
- invaginatum* Mayer, 1841a, 17, *D. appendiculatum* renamed.
- involutum* Rud., 1809a, 377–378 (in *Upupa epops*), includes *Fasc. upupæ* Schrank, 1790, and *D. fusiforme* Zed., 1800a, from *Upupa epops*; 1819a, 101 (July).—Braun, 1901, 561.—Cobbold, 1860a, 13.—Dies., 1850a, 351 (includes *Fasc. upupæ* Schrank, 1790, 123; *D. fusiforme* Zed., 1800a, 171, and 1803a, 210).—Olfers, 1816, 44.—Stoss., 1892, 183.
- irroratum* Rud., 1819a, 105, 393–394 (in *Testudo mydas*; Arimini, May).—Braun, 1893a, 873; 1893d, 466; 1899b, 715, 717–718, 722; 1901b, 20, 36–38, figs. 27, 30, 32.—Carus, 1884, 129.—Cobbold, 1860a, 20.—Dies., 1850a, 364 (in *Halichelys atra*; Arimini).—Duj., 1845a, 451–452.—Looss, 1899b, 590 (belongs to or is closely related to *Astia* judging from Braun, 1899, 717); 1901i, 558, 559, 560 (ex parte syn. of *Pachypsolus lunatus* Looss, type of genus); 1902m, 485 (to *Pachypsolus*; includes *P. lunatus* (Rud.) Looss, 1901, 558), 486, 487, 493, 494, 496, 497, 499, 503, 504, type of *Pachypsolus*, 505.—Mont., 1892, 715; 1896, 165.—Par., 1894, 147 (in *Thalassochelys caretta*; Rimini).—Stoss., 1895, 231.—Also reported for *Thalassochelys corticata*.
- ischnum* Leidy, 1890, 415 (in *Saurus foetens*; Beach Haven, N. J.).
- isoporum* Looss, 1894a, 2, 49–56, pl. 1, figs. 15–18, pl. 5, figs. 102–112 (in *Cyprinus carpio*, *Phoxinus lævis*, *Leuciscus rutilus*, *Abramis brama*, *Squalius cephalus*, *Tinca vulgaris*, *Esox lucius*), 58, 59, 97, 124, 127, 136, 137, 140, 144, 153, 154, 157, 159, 162, 167, 179, 191, 192, 208, 209, 212, 214, 215, 218, 231, 251, 264; (includes *Fasc. longicollis* Frelich, e. p.; *D. globiporum* Rud. of Olss.); 1894, 17; 1896b, 46; 1899b, 57c (type of *Creadium*); 1900 (type of *Allocreadium*).—Braun, 1900, 232; 1901b, 33.—Hausmann, 1897b, 4, 6, 17, 20, 22, 27 (in *Barbus fluviatilis*).—Kowal., 1896d, 3 (253) (in *Cyprinus carpio*; Dublany).—Linst., 1903, 281.—Odhn., 1901, 483.—Staff., 1902, 481 (in *Lemotilus bullaris*).—Stoss., 1901, 94 (6).
- isoporum armatum* MacCallum, 1895, 401–406, figs. 1–4 (in *Aplodmotus grunniens*, *Lepomis gibbosus*, *Accepsenser rubicundus*; Lake Erie and Grand River of Ontario).—Looss, 1902, 785 (not *Allocreadium isoporum*, but allied to *D. sophiæ*).—Type no. 6856 U. S. Nat. Mus.
- isostomum* Rud., 1819a, 105, 392–393 (in *Astacus fluviatilis*).—Baer, 1827, 553.—Bettend., 1897a, 29, 30; 1897, 333, 334.—Braun, 1892a, 632, 683, 684, 685, 686.—Cobbold, 1860a, 30.—Crep., 1829b, 64–66; 1837, 310, 325, 326.—Dies., 1850a, 363 (includes Carus, 1818, 51; *D. cirrigerum* Baer?).—Duj., 1845a, 471–472.—Gaffron, 1883a, 508, 509.—Harz, 1881a–b; 1881c, 1.—Haswell, 1887a, 294.—Jackson, 1888, 643–644.—Kampmann, 1894b, 452, 453, 454, 455, 457, 458, 459, 462, pl. 19, figs. 1–5.—Knoch, 1894a, 5, 13, 15, 16, 17.—Linst., 1903, 281.—Looss, 1893b, 809; 1894a, 8, 10, 20, 143, 145, 146, 149.—Mehlis, 1831, column 184.—Mont., 1888a, 47, 48; 1893, 65, 66, 67, 69, 74.—Moul., 1856a, 217.—Mueh., 1898, 14.—Poir., 1885, 147.—Zaddach, 1881, 893.
- italicum* Stoss., 1893, 135 (6) (in *Lichia amia*; Trieste, Sept.); 1898, 51–52.—Jacoby, 1900, 17.
- jacksoni* Braun, 1892, 44; 1893d, 466, for *jacksonii*.
- jacksonii* (Cobbold, 1869) Braun, 1892a, 567, 650, 674, 710, 875, 910; 1892, 44 (*jacksoni*); 1893d, 466.
- japonicum* Bl., 1888a, 596, 618–621, figs. 320–322 (in *Homo*) (includes *D. hepatitis endemicum sive perniciosum*; *D. hepatitis innocuum*), 631; 1891, 607 (syn. of *D. sinense* Cobbold).—Billet, 1893a, 509 (syn. of *D. sinense* Cobbold).—Braun, 1893f, 386, 425; 1903, 3 ed., 161 (syn. of *Opisthorchis sinensis*).—Brunet, 1902a, 125.—Gamb., 1896a, 63.—Huber, 1896a, 577 (syn. of *D. spatulatum* Lkt.).—Katsurada, 1900, 479.—Looss, 1905, 90 (syn. of *Opisth. sin.*).—Simor, 1897, 223.—Sons., 1889, 278 (syn. of *D. endemicum* Bætz).—Ward, 1895, 328 (in *Homo*) (see *D. sinense*); 1903, 870.
- kampanulatum* Schneidemuehl, 1896, 302, for *campanulatum*.
- kölikeri* Cobbold, 1860a, 30 (*D. pelagiæ* Kölliker renamed) (in *Argonauta argo*, *Pelagia noctiluca*).—Mont., 1893, 122, 124.
- köllikeri* Mont., 1893, 122, 124, corrected form of *kölikeri*.
- kommutatum* Schneidemuehl, 1896, 303, for *commutatum*.

DISTOMA—Continued.

- kongenitum* Schneidemuehl, 1896, 302, for *conjunctum*.
krassum Schneidemuehl, 1896, 302, for *D. crassum*.
kuneatum Schneidemuehl, 1896, 303, for *D. cuneatum*.
labiatum Rud., 1819a, 108, 400 (in *Syngnathus pelagicus*; Naples, July).—Braun, 1893a, 875.—Carus, 1884, 129.—Cobbold, 1860a, 27.—Dies., 1850a, 370.—Duj., 1845a, 468.—Pag., 1862, 305.—Stoss., 1886, 51.
labii Linst., 1889, 79, for *labri* Stoss.
labracis Duj., 1845a, 398, to (*Dicrocoelium*), (in *Labrax lupus*; Rennes).—Barbagallo & Drago, 1903, 410 (in *Labrax lupus*; Catania).—Ben., 1858a, 1861a, 179; 1870, 24, to (*Echinost.*)—Dies., 1850a, 399.—Fraip., 1880c, 417.—Kroyer, 1838-40a, 578 (in *Lab. lup.*)—Looss, 1901, 399.—Luehe, 1900, 487.—Mol., 1859, 843.—Odhn., 1901, 513, 514.—Stoss., 1898, 46-47 (in *Lab. lup.*; Trieste).—Also reported for *Labrus maculatus*.
labri Rud., 1819a, 122 (in *Labrus rupestris*; C. E. V.).—Dies., 1850a, 344 (syn. of *D. fasciatum*).
labri Ben., 1870, 45, n. sp. (in *Labrus maculatus*).—Looss, 1901d, 399.
labri Stoss., 1886, 30 (in *Labrus mixtus*) (nec Rud.); 1887, 91-92; 1887, 186; 1898, 45.—Linst., 1889, 79 (*labii*)—Odhn., 1901, 493, 494, 495; 1902, 160 (syn. of *Helicometra pulchella*).—Sons., 1891, 257, 258.
labri rupestris Olss., 1876, 20-21.—Mont., 1891, 500.—Reported for *Ctenolabrus rupestris*, *Labrus rupestris*.
lacertæ Rud., 1819a, 121 (in *Lacerta cærulescens*; C. E. V.).—Dies., 1850a, 355 (syn. of *D. mentulatum*) (in *Lacerta agilis*; Berlin).—Stoss., 1895, 218.—Also reported for *Lacerta viridis*.
laciniatum Duj., 1845a, 437 (in *Simia maimon*; Paris), based on Fasc. de Brongniart, *Alaire de Brongniart* of Blainv., Dict. sc. nat., pl. 41, fig. 3; 1824, 518; atlas, pl. 2, fig. 8; 2. ed., pl. 14, fig. 15; type of *Alaire*, not *Alaria* Schrank.—Braun, 1893a, 875; 1893d, 467 (in *Cynocephalus maimon*); 1901e, 311.—Cobbold, 1860a, 8; 1879b, 289.—Dies., 1850a, 374 (includes Fasc. *maimonis* Blainv.—Gurlt, 1845, 224.—Stoss., 1892, 35 (in *Papio mormon*).
læve Lint., 1898, 517-518, pl. 43, figs. 5-8, pl. 45, fig. 1 (in *Macrourus bairdii*), type U. S. N. M. 4852; 1901, 415, 418, 481.—Looss, 1899b 641, to *Hemirurus*.
lagna Brand., 1888, 249, 250 (*ascidia* Ben., 1873, nec Rud., 1819, renamed).—Braun, 1900, 388.—Looss, 1899b, 556, 609 (type of *Lecithodendrium*), 618, 715, 716; 1902m, 827; 1907, Mar. 5, 484 (of Looss, 1899b, 715, syn. of *Lecithodend. granulolum*).—Stiles, 1901, 200.
lagna (Gmelin, 1790) Rud., 1809a, 366.
lageniforme Lint., 1898, 524-525, pl. 47, fig. 12 (in *Remora remora*); 1901, 415, 421, 473.
lancea Dies., 1850a, 334 (in *Delphinus tascuschi*; bil. duct, Barra do Rio Negro, Brazil); 1855, 64, pl. 2, figs. 17-19; 1858e, 333.—Ben., 1870, 362.—Braun, 1892a, 574; 1893a, 875; 1893, 354; 1900g, 250; 1901e, 314.—Cobbold, 1860a, 6; 1876, 35, pl. 10, fig. 1; 1879b, 416, 417, fig. 67.—Linst., 1886, 125.—Looss, 1902m, 790 (*amphitypie*).—Mont., 1888a, 8.—Stoss., 1892, 26-27 (in *Orcella brevirostris*; *Delphinus tascuschi*; Brazil).—Weski, 1900, 4 May, 579-583, 1 fig.
lanceatum (Stiles & Hass., 1896) Looss, 1899b, 556.
lanceolatum (Rud., 1803) Mehlis, 1825, 42 pp. [see *lanceatum*].—Aitken, 1866, 804, 839; 1872, 146, 205; 1874, 58.—Anacker, 1892c, 94.—Anders, 1903, 6 ed., 1245 (in man).—Anglas & Ribacourt, 1901, 313-352; 1902, 313-354, 38 figs. (anat. hist.); 1902, Dec. 30, 840-841; 1905, July, 50.—Aragon, 1896, 452.—Armatage, 1895, 429.—Aschoff, 1892, 493-496, pl. 13, fig. 4, case in *Homo*; 1893, Aug. 25, 256.—Askanazy, 1900b, 491.—Baillet, 1866b, 18, 90, 104-105.—Baldi, 1900a, 222-224 (in horse; Milan) [224 *lanceulatum*]; 1900b, 123.—Bet-tend., 1897a, 25.—Biermer, 1863a, 395.—Bilharz, 1856a, 49.—E. Bl., 1847, 292-295, pl. 12, fig. 1.—R. Bl., 1888a, 590, 597, 602 (includes Fasc. *hepatica* Bloch, 1782; *D. hep. Zed.*, 1800; Rud., 1810; Plan. *latiuscula* Gœze, 1782), 612 (description, eggs, embryo, sporocysts, redia, cercaria, adult; cases in man [five authentic cases to date reviewed], distribution), figs. 312-313, 615, 623, 631; 1891, 466-467; 1891, 610.—Bolotoff, 1890a, 695-696.—de Bonis, 1882, 172, pl. 2, fig. 13.—Bos, 1894, 245.—Bossuat, 1902, v. 6 (2), 62.—Brand., 1888a, 29; 1890a, 558.—Braun, 1883a, 62, 63-64, 70, 71, figs. 12, 16; 1895b, 11, 65, 144-145, figs. 60-62 (says 7 cases in man); 1892a, 586, 592, 598, 601, 602, 622, 635,

DISTOMA—Continued.

638, 644, 661, 664, 669, 672, 673, 677 (anceolatum), 678, 682, 692, 700, 704, 705, 706, 712, 714, 717, 719, 724, 727, 728, 730, 732, 733, 745, 757, 758, 762, 763, 764, 766, 778, 780, 784, 785, 787, 789, 791; 1893, 347, 348, 349, 350, 351; 1893a, 857, 875, 878, 910; 1893b, 184, 185 (in *Lepus variabilis*, *Anodonta* sp.); 1893f, 384, 385, 386, 389, 390, 424; 1894i, 605, 606; 1899, 3; 1901h, 702; 1903, 3 ed., 157 (of Sieb., 1836, Tright, 1829, not Mehlis, syn. of *Opisthorchis felineus*), 166 (Mehlis, 1825, to *Dicrocoelium*).—Brunet, 1902a, 125.—Buchholz, —, 64.—Bettel-Reepen, 1902, 203.—Caraes, 1888a, 41.—Chatin, 1886b, 244; 1887a, 597.—Cobbold, 1855b, 4; 1864a, 184-191, fig. 39-40; 1866, 6, 7; 1872b, 91, 92; 1876, 210, 211, 303; 1879b, 17-20, 25, 28, 35, 36, 49, 318, 331, 404, figs. 1, 18; 1883, 401.—Cornil & Petit, 1901a, 178.—Cosmovici, 1891, 15 Oct., 247-248.—Crep., 1837, 313, 318, 321, 322, 323, 325, 326; 1839, 288.—Creutzberg, 1890a, 6, 7, 21.—Darr, 1902, 680.—Dav., 1877a, lxxvi, 240-257, figs. 2, 7, 39-40.—Delafield & Prudden, 1897, 130.—Delafond, 1854a, 30.—Dies., 1850a, 333-334; 1858, 58; 1858e, 332; 1859c, 427.—Duffek, 1902a, 774.—Duj., 1845a, 391-392 to (*Dicrocoelium*).—Dunglison, 1893, 338, 820, 1174.—Eiss, 1838, 22.—Erc., 1881e, 69, 90, 91; 1882a, 305, 326, 327.—Fischer, 1840, 158.—Fleming, 1881a, 90, 91.—Florance, 1866a, 5, 22.—Fraip., 1880a, 398; 1880c, 418, 426, 428; 1881b, 39; 1883a, 35.—Friedberger, 1878a, 160; 1880a, 254.—Galli-Valerio, 1893a, 174, 175, 178, 181, pl. 2, figs. 1, 5, 6.—Gamb., 1896a, 63.—Gomy, 1897a, 372, 374.—Grall, 1887a, 469.—Gronkowski, 1902a, 515, 519 (lanceolulum), 520, 521, 532 (8, 12-13, 14, 25), pl. 13, figs. 4, 10, 13.—Gunther, 1858, 207.—Gurlt, 1831, 193, 372-373, pl. 8, figs. 37-38.—Hackley, 1886, 518, fig. 881.—Hahn & Lefèvre, 1884a, 529, 537-541.—Harley, 1864a, 62.—Harz, 1881c, 9.—Hoyle, 1890, 538, 540.—Huber, 1896a, 575.—Hutcheon, 1895h, 350; 1900i, 497 (in *Duiker antelope*).—Ijima, 1889b, 134.—Jackson, 1888, 649, 653.—Jacoby, 1899a, 134; 1899c; 1900, 5, 9-10, 11, figs. 6-7.—Jamieson, 1897a, 73, 74.—de Jong, 1896a, 1, 9, 10 (of van Tright), 10 (of Sieb.) (in *Felis catus*), 10, 11 (of Mehlis).—Kamensky, 1900a, 5, 6.—Kastenbaum, 1899, 243-248, figs. 33-34.—Katsurada, 1900b, 496.—Kerbert, 1881a, 551, 556.—Kholodk., 1898, 26, 27-28, 32, pl. 9, figs. 1-5; 1899a, 152, fig. 179.—Knoch, 1894a, 18 pp., 2 figs. (topography of excr. and nervous syst.); 1895a, 341; 1895b, 840-845.—Kuech., 1855, 199, 200, 207-210, 481, pl. 5, figs. 11-12.—Kumaya, 1897a, 1-6, egg.—Landois, 1882, 23.—Laspeyres, 1904a, 5, 12 (*Distomum*).—Leidy, 1856b, 43; 1904a, 88.—Lejtenyi, 1881a, 5, 7, 11, 18.—Leuck., 1863a, 457, 460, 463, 464, 465, 468, 470, 479, 480, 483, 484, 486, 487, 490, 522, 526, 575, 576, 588-610, 611, 612, 620, figs. 151, 152, 158, 161, 162, 164, 181, 197-204, 206; 1876, v. 2 (3), 871, 872; 1879, 186, 187, fig. 90; 1886d, 146, 205, 224, fig. 90.—Linst., 1873, 98, 99, 100, 102; 1883, 308.—Lockwood, 1901, 2 ed., 821.—Looss, 1892a, 134; 1894a, 19, 127, 168, 175, 206, 214, 251; 1899b, 632, 633; 1905, 88 (to *Dicrocoelium*).—Macé, 1882a, 8, 9, 12, 21, 29, 60.—Manson, 1901, 540 (supposed intermediate host *Planorbis marginatus*).—Moniez, 1892, 77-79; 1896, 86, 102, 103, 104, 108, 118, 122, 136, 138, fig. 24.—Mont., 1888a, 35, 40, 56, 57, 72; 1891, 110; 1891, 117 (*Distomum*); 1893, 28, 83, 88, 95, 99, 102, 106, 107; 1896, 162.—Mosler & Peiper, 1894, 171, 175-176, figs. 67-68.—Moul., 1856a, 18, 32, 39, 41, 43, 44, 47, 50.—Nicoll, 1906, 521.—Nord., 1832a, 47; 1840, 547, 616.—Packard, —, 522.—Padrone, 1904, 489 (*Distomi lanceolato*).—Pag., 1857, 53.—Perroncito, 1885.—Piana, 1882, —.—Poir., 1886, 29.—Rail., 1890, 143; 1893a, 361 (*felis cati* Sieb., 1836, and van Tright, 1889=D. *felineum*); 1897, 1134.—Rail. & Marotel, 1898, 30, 33, 38.—Ratz, 1898, 67, 68; 1898, 298; 1900, 141.—Rau, 1883, 10.—? Rayer, 1846, 20-23, 4 figs.—Reynes, 1869, 30-36.—Rindfleisch, 1884, 210.—Roewer, 1906, 192, 193, 196, 218.—Schmalz, 1831, 24.—Schneidemuell, 1896, 300.—Schuberg, —, 88; 1895, 168, 181, 184, 185, 186, 187, pl. 10, figs. 1-7.—Shaw, 1901, 619, fig. 220; 1901, 1027.—Sieb., 1835, 64, 65.—Signal, 1884, 232, fig. 229.—Simon, 1896, 182, 192, fig. 52; 1897, 209, 223, fig. 53.—Sons., 1889, 275; 1893, 215, 216; 1896, 332.—Stewart, 1898, 328.—Stiles, 1898a, 55.—Stoss., 1892, 22-23 (reported for *Antelope dorcas*; *Auchenia lama*; *Capra hircus*; *Bos taurus*, Europa, America sett.; *Cervus elaphus*; *Dama vulgaris*; *Equus asinus*; *Felis domestica*; *Homo sapiens*, Weimar, Kaplitz in Bohemia; *Lepus cuniculus*; *L. timidus*; *L. variabilis*, Briançon; *Ovis aries*, Normandia, America sett.; *Sus scrofa*, America sett.).—Swart, 1862, 35-36.—Tyson, 1903, 3 ed., 1180.—Valentin, —, 147.—Verrill, 1870, 171, 175, 176, 177, 178, 219.—Vogt, 1878, 9, 38, 42, fig. 29.—Wagner, 1883, 121.—Walter, 1858, 268-297, figs.—Ward, 1895, 238-244 (from cat and dog, syn. of *D. felineum*), 328 (in *Homo*; biliary ducts), 332 (in *Bos taurus*; biliary ducts),

DISTOMA—Continued.

- 335 (in *Ovis aries*; biliary ducts), 341 (in *Canis familiaris*) (error for *D. truncatum* and *D. felineum*).—Weichselbaum, 1898, 315.—Will.-Suhm, 1870, 1, 4, 5.—Wolf., 1903, 617.—Wood & Fitz, 1897, 335.—Zschokke, 1892, 500.—Zuern, 1882, 208, 209, 211, 218, pl. 4, figs. 1-4.
- lanceolatum* of Sieb., 1836, 113; 1850, 672-673 (in *Felis catus* dom. at Danzig), and of van Tricht, 1889 (in *Canis* fam. at Utrecht), syn. of *D. felineum* = *Opisthorchis felineus*. See Braun, 1893f, 424; 1903, 3 ed., 157.—Rail., 1893a, 361.—Stiles & Hass., 1894e.—Ward, 1895, 243; 1903, 869.—See also Dies., 1850a, 404 (? syn. of *Amphist. truncatum*); 1858e, 332.
- lanceolum* Gronkowski, 1902a, 519 (12) (for *lanceolatum*).
- lanceulatum* Baldi, 1900a, 222-224 (for *lanceolatum*).
- lasium* Leidy, 1891a, 415-416 (in *Ilyanassa obsoleta*; Beach Haven, N. J.).
- laticolle* Rud., 1819a, 117, 421 (in *Caranx trachurus*; Naples, Arimini), to (*Echinost.*).—Braun, 1892a, 575, 576.—Carus, 1884, 126.—Crep., 1837, 311.—Dies., 1850a, 386.—Duj., 1845a, 432.—Kroyer, 1838-40a, 597 (in *Caranx trachurus*).—Looss, 1899b, 580.—Mont., 1890, 422; 1893, 191, pl. 1, fig. 17.—Stoss., 1886, 35.
- laticolle* Mueh., 1896, 590 (in *Anas glacialis*; East Prussia), not Rud., 1819, see *platyurum*.
- laureatum* Zed., 1800a, 164, 192-194 (in *Salmo trutta*; Europe); 1803a, 219.—Blainv., 1824a, 518, type of "lobostome."—Braun, 1892a, 735, 736, 784, 785, 786; 1893b, 184; 1900, 231, 232; 1900, 389; 1901b, 31.—Dies., 1850a, 380 (includes *Fasc. farionis* Mueller; *F. truttæ* Froelich).—Duj., 1845a, 435, to (*Crossodera*).—Kroyer, 1838-40a, 615; 1843-45a, 644; 1846-53a, 54 (in *Thymallus vulgaris* Cuv.; *Salmo trutta* Linn.; *S. fario* Linn.).—Linst., 1903, 279.—Mont., 1893, 85, 86, 94.—Nord., 1840, 621 (to *Fasc.*).—Olfers, 1816, 46.—Olss., 1876, 24; 1893, 12.—Risso, 1826, 262.—Rud., 1809a, 413-414; 1814a, 102; 1819a, 113, 413.—Sieb., 1850, 645.—Stoss., 1886, 18 (in *Coregonus oxyrrhynchus*, *Salmo salvelinus*, *Thymallus vulgaris*, *Trutta fario*, *T. trutta*).—Wagener, 1860, 165.—Also reported for *Coregonus lavaretus*, *Salmo fario*.
- [*laysani* Sluiter, 1900, 9 (a tunicate).]
- [*leachii* Stevens, 1827 (a beetle), *Distomus*.]
- leidy* Cobbold, 1860a, 10 (*Clinost. dubium* renamed).—Stoss., 1892, 181.
- lentic* (Gescheidt, 1833) Dolley, 1894a, 989.
- leptosomum* Crep., 1829, 57-58 (in *Tringa variabilis*); 1831, 177; 1837, 311, 316, 318; 1846, 136.—Braun, 1892a, 650; 1893b, 183 (in *Synapta inhærens*).—Cobbold, 1879b, 438.—Dies., 1850a, 384.—Duj., 1845a, 428.—Mehlis, 1831, column 177.—Mont., 1888a, 14; 1893, 95.—Stoss., 1892, 169 (to *Echinost.*).—Villot, 1875, 475, 476; 1878, 24-26, 33, pl. 5, figs. 4-6 (in *Tringa variabilis*, *Calidris arenaria*).
- leptosomum* Roewer, 1906, 185, 186, for *leptostomum*.
- leptostomum* Olss., 1876, 18-19, pl. 3, figs. 38-40 (in *Meles taxus*).—Braun, 1892a, 699, 722, 723, 734, 735; 1899g, 492 (to *Harmost.*); 1900h, 5, 6, 11, 12; 1901e, 338, type of *Harmost.*, 341.—Hofmann, 1899a, 174-204, pls. 11-12 (development from *Cercariaeum helices*).—Looss, 1894a, 2, 120, 125, 136, 140, 168, 169, 170, 171, 173, 179, 184, 197, pl. 3, fig. 50, pl. 6, fig. 113; pl. 7, fig. 133 (in *Erinaceus europæus*); 1899b, 556, 652, 746 (type of *Heterolepe*).—Roewer, 1906, 185, 186 (*leptosomum*).—Stoss., 1892, 17 (in *Erin. europ.*, *Me. tax.*) (includes *D. caudatum* Linst.), to (*Brachylaimus*); 1898, 24, syn. of *Mesogonimus linguaeformis*.
- leucochloridii* Leuck., 1858a, 115, see *Leucochloridium paradoxum*.
- ligula* Ben., 1870, 1871a, 17 (in *Scymnodon ringens*; Portugal).—Linst., 1903, 354.
- lima* Rud., 1809a, 37, 408, 427-429 (in *Vespertilio auritus*, *V. murinus*; Europe) (includes *Fasc. vespertilionis* Mueller, 1788; ? *Plan. vesp.* Gœze, 1782; *Fasc. picta* Rud., 1802; *D. vesp.* Zed., 1803); 1819a, 117, 119.—Ben., 1873, 25.—Brand., 1888, 249, 250.—Braun, 1892a, 663; 1900, 221, 223, 229, 234, 236; 1900, 388, 389, 390.—Cobbold, 1860a, 7; 1879b, 294.—Crep., 1829, 70-72; 1837, 311, 322, 326.—Dies., 1836, 240; 1850a, 349, 387.—Duj., 1845a, 437-438.—Kolenati, 1857, 11, 12.—Lamouroux, 1824, 563 (*Distome lime*).—Linst., 1885, 248; 1887, 103.—Looss, 1899b, 590; 1907, Mar. 5, 483 (of Ben., 1872, 25, figs. 1-6, 18, possibly belongs to *Parabascus*).—Luehe, 1899, 530, 532 (type of *Plagiorchis*); 1901n, 487.—Mehlis, 1831, 185-186.—Mueh., 1898,

DISTOMA—Continued.

- 29.—Nord., 1840, 616.—Olfers, 1816, 46.—Sieb., 1835, 56, 64, 65.—Staff., 1905, Apr. 11, 693 (syn. of *Plagiorchis vesperilionis* (O. F. Mueller)).—Stoss., 1892, 14 (in *Plecotus auritus*; *Rhinolophus ferrum-equinum* in Vienna and Belgium; *R. hipposcrepis*, Belgium; *Vespertilio dasycneme*, Belgium; *V. daubentonii*, Belgium; *V. murinus*, Greifswald, Maestricht; *V. nattereri*, Maestricht; *V. emarginatus*, Belgium; *V. mystacinus*, Maestricht; *Vesperugo discolor*, Vienna; *V. noctula*, Belgium; *Vesperus serotinus*; *Nannugo pipistrellus*, Lauvain; *Molossus rufus*, Brasil; *M. nassatus*); 1904, 2.—Also reported for *Vespertilio discolor*, *V. ferrum-equinum*, *V. nattereri*, *V. noctula*, *Vesperugo pipistrellus*.
- limacis* Dies., 1850a, 302 (to *Heterost.*; *Rhedoni*), based on Duj., 1845a, 472, 473.
- limatulum* Braun, 1900f, 389–390 (in *Molossus* sp., from Brazil); 1900b, 233–234, pl. 10, fig. 12.—Looss, 1907, Mar. 5, 488 (probably belongs to *Parabascus*).
- limnææ ovatæ* Linst., 1885, 251, pl. 15, fig. 28.
- limnæi* Dies., 1850a, 302 (to *Heterost.*), based on Duj., 1845a, 473 (in *Lymnæus palustris*; *Rhedoni*).
- limnophili* Linst., 1879, 185–186, pl. 12, figs. 32–33 (larva form in larva of *Limnophilus* (?) *rhombicus*; apparently Germany); 1887, 100.—Stoss., 1889, 66, syn. of *D. endolobum*.
- lineare* (Rud., 1793), Zed., 1803a, 219.—Anacker, 1887c, 513.—Baillet, 1866b, 105.—Braun, 1892a, 874; 1901, 561.—Caruccio, 1886, 293.—Cobbold, 1860a, 32 (to *Crossodera*); 1879b, 440.—Dies., 1850a, 379–380.—Duj., 1845a, 444.—Hahn & Lefèvre, 1884a, 516.—Hass., 1896a, 2 (to *Crossodera*).—Landois, 1882, 23.—Magalhães, 1899, 258.—Olfers, 1816, 46.—Rail., 1893a, 368.—Rud., 1809a, 50, 414–415; 1819a, 113–114, 414–415, 685.—Schneidemuehl, 1896, 303.—Sieb., 1835, 52.—Stoss., 1882, 146 (to *Crossodera*).—Verrill, 1870, 179.—Reported for *Anas anser*, *A. boschas dom.*
- lincola* Dies., 1850a, 346 (in *Falco rufus*) (includes *D. falconis rufi* Rud., 1819a, 119; *C. E. V.*).—Braun, 1901, 561, 565.—Cobbold, 1860a, 12.—Stoss., 1892, 183.—Also reported for *Circus rufus*.
- lingua* Crep., 1825a, 47–48 (in *Larus marinus* v. *maximus*; Dec., apparently Europe); 1837, 310; 1846, 139.—Braun, 1892a, 569, 699, 721.—Cobbold, 1860a, 11.—Dies., 1850a, 343 (*L. argentatus*).—Duj., 1845a, 448.—Jacoby, 1900, 23.—Jegers., 1899a, 16 pp., 1 pl., figs. 1–4; 1901, 982; 1903a, 1, 5.—Kowal., 1896d, 252 (2) (in *Dominicanus marinus*; *Livon.*).—Looss, 1899b, 586 (type of *Tocotrema*).—Luehe, 1899, 539.—Mont., 1893, 94.—Mueh., 1898, 21–22, 29, 94–96, fig. 16 (in *Larus ridibundus*; see *D. mühlengi*; Pillau, Mar.).—Olss., 1876, 15; 1893, 11.—Stoss., 1892, 158; 1896, 129; 1898, 41–42.
- linguæforme* Dies., 1850a, 335 (*Brachylemus erinacei* Blan. renamed) (in *Erinaceus europæus*; Paris).—Cobbold, 1879b, 295.—Stoss., 1892, 35 (syn. of *D. blanchardii*) (in *Erin. europ.*); 1898, 24, to *Mesogonimus*.
- linguatula* Rud., 1819a, 100 (host not known; Brazil, Aug.), 383 (*Rana n. sp.*; Brazil), 679 (*R. musica*; Brazil).—Cobbold, 1860a, 18.—Dies., 1850a, 353 (in *Cystignathus pachypus*; *Docydophryna aqua*; *Ceratophris varia*; Brazil).—Duj., 1845a, 454.—Par., 1896, 11–12 to (*Brachylaimus*).—Stoss., 1889, 70 (in *Cystignathus ocellatus*).—Reported also for *Bufo aqua*.
- linstowi* Mont., 1893, 102, for *linstowii*.
- linstowii* Stoss., 1890, 42–43, pl. 16, figs. 67–69 (*Monost. aculeatum* Linst., from *Testudo græca*, renamed); 1895, 224–225; 1898, 43; 1904, 5.—Braun, 1891d, 424 (in *Testudo græca*); 1892a, 699; 1899, 630, 631, 632; 1901b, 13, 14; 1901i, 58 (*linstowi*).—Linst., 1879, 338.—Looss, 1899b, 566, 567 (type of *Telorchis*, Looss).—Luehe, 1899, 528 to *Telorchis*, but not as type; 1900, 566, type of *Cercorchis*.—Mont., 1892, 715 (*linstowi*); 1893, 83, 85, 86, 102.—Par., 1894, 146.
- lobotes* MacCallum, 1895a, 406–410, figs. 5–7 (in *Anguilla chrysopa*, *Perca flavescens*, *Stegostedion vitreum*) [type U. S. Nat. Mus. 6857].—Type of *Centrovarium*, 1904.
- loliginis* (Gmelin, 1790) Zed., 1803a, 222–223.—Baird, 1853a, 115 (= *Tetrabothriorhynchus barbatus*).—Dies., 1850a, 573 (syn. of *Tetrabothriorhynchus migratorius*).—Rud., 1809a, 385.
- longicauda* Rud., 1809a, 372–373 (in *Corvus cornix*); 1819a, 98, renamed *D. macrourum*.—Braun, 1899b, 714; 1901, 561, 562, 565; 1902b, 99 (p. p. of Stoss., 1892, 14, and Mueh., 1896, 248, as syn. of *Lyperosomum albicolle*), 106–109, to

DISTOMA—Continued.

- Lyperosomum*, type.—Dies., 1850a, 345 (syn. of *D. macrourum*).—Jacoby, 1900, 10, 11.—Looss, 1899b, 634 (to *Dicrocoelium*, also *Lyperosomum*).—Mueh., 1896, 248–252, figs. 2, 9; 1896, 589.—Olfers, 1816, 44.—Volz, 1900, 149.—Wolffhugel, 1900, 9, 20, 21, 23, 24, 25, 26, 27, 28, 29, 31, 35, 36, 41.—Also reported for *Corvus corone*, *C. frugilegus*.
- longicolle* Crep., 1825a, 57–59 (includes *D. embryo* Olfers; in *Perca cernua*, *P. vulgaris*); 1837, 310.—Ben., 1858a, 1861a, 203.—Braun, 1892a, 784, 785.—Dies., 1850a, 365 (in *Acerina vulgaris*; Berlin) (syn. of *D. embryo*).—Duj., 1845a, 455.—Leblond, 1835c, 103 (in *Murena conger* Linn.); 1836f, 4.—Moul., 1856a, 48, 219 (in *Perca cernua*, *P. fluviatilis*).—Vaullegeard, 1899, 82.—Wagener, 1857, 26.
- longicolle* (Frœlich, 1791) Harz, 1881c, 5, 11.
- longicolle* Crep., 1846, 154, 155 (in *Cottus gobio*).—Sieb., 1848, 142 (in *Cottus gobio*).
- longicolle* (Abildg., 1788) Cobbold, 1860a, 18–19 (in *Tropidonotus naja*).
- longissimum* Linst., 1883, 308–309, pl. 9, fig. 50 (in *Ardea stellaris*; Turkestan); 1886, 32.—Braun, 1892a, 567, 699, 711, 722; 1893a, 875; 1893, 353; 1893f, 426; 1894i, 602, 605; 1899, 4.—Looss, 1896b, 58.—Mont., 1893, 83, 95, 102.—Stiles & Hass., 1894e, 418; 1896c, 151–155, figs.—Stoss., 1892, 161 (*Botaurus stellaris*); 1904, 12.
- longissimum* Poir., 1886, 29–30, pl. 1, fig. 6 (in *Delphinus tursio*).—Braun, 1892a, 699.—Mont., 1893, 41.—Par., 1896, 1–3 (= *D. tursionis Marchi*).—Stoss., 1892, 25–26 (in *Delph. tur.*).
- longissimum corvinum* Stiles & Hass., 1894e, 418 (in *Corvus americanus*, *C. ossifragus*); 1896c, 151–155, figs.—Looss, 1899b, 564, to *Opisthorchis*.
- longissimum corvinum* Stiles & Hass., 1896c, 155, misprint for *corvinum*.
- longum* Leidy, 1851, v. 5, 206, v. 8, 44, 340 (in *Esox estor*; Cleveland, Ohio).—Braun, 1893a, 872.—Cobbold, 1860a, 24; 1879b, 458.—Dies., 1855, 64, footnote 13; 1858, 340.—Stoss., 1886, 52.—Wolf, 1903, 605, fig. 1.—Type of *Megadistomum* 1904.—Also reported for *Esox reticulatus*.
- lorum* Duj., 1845a, 407 (? syn. *Monost. ocreatum*) (in *Talpa europæa*; Rennes), to (*Brachylaimus*).—Braun, 1892a, 567, 579, 597, 642, 662, 663, 671, 699, 700, 705, 723, 737; 1893a, 893; 1900, 13; 1900h, 6; 1901, 897; 1902b, 135, syn. of *Ityogonimus ocreatus*.—Dies., 1850a, 326 (syn. of *Monost. ocreatum*).—Kuech., 1855, 181.—Looss, 1899b, 653 (type of *Dolichosomum*); 1900, 608 (type of *Dolichodemus*); 1901m, 192.—Luehe, 1899, 538, syn. of *D. ocreatum* Zed., which is taken as type of *Ityogonimus*.—Melnikow, 1865a, 49–55, pl. 3, figs. a–b.—Mont., 1892, 41; 1893, 155.—Stoss., 1892, 17–18 (includes *Monost. ocreatum*; *M. acreatum*) (in *Talpa europæa*, Vienna, Offenbach, Rennes, Denmark).—Volz, 1899, 232.—Will.-Suhm, 1870, 12.
- loxixæ* Rud., 1819a, 120 (in *Loxia chloris*; *L. coccothraustes*; *L. pyrrhula*; *C. E. V.*).—Duj., 1845a, 443.—Stoss., 1892, 149 (syn. of *D. mesostomum*).
- lucii* Rud., 1819a, 122 (in *Esox lucius*; Greifswald, Jan.) for *D. esocis lucii* Rud., 1809a, 438.—Dies., 1850a, 399.
- lucii* (Mueller, 1776) Zed., 1800a, xvii, 163, 173–175; 1803a, 213, pl. 3, fig. 3.—Ben., 1858a, 1861a, 100 (syn. of *D. tereticolle*).—Dies., 1850a, 358 (*luzii*, syn. of *D. teret.*).—Harz, 1881c, 5 (syn. *D. teret. Rud.*).—Looss, 1894a, 5 (syn. of *D. teret.*).—Rud., 1809a, 380 (syn. of *D. teret.*).—Schmalz, 1831, 25.—Sramek, 1901, 105 (syn. of *D. teret.*).
- luciopercæ* (Mueller, 1776) Zed., 1803a, 216.—Dies., 1850a, 381 (syn. of *D. nodulosum*).—Rud., 1809a, 411, 412 (syn. of *D. nod.*).—Sramek, 1901, 106 (syn. of *D. nod. Zed.*).
- lucipetum* Rud., 1819a, 94, 367 (in *Larus glaucus*, *L. fuscus*; Mus. Vien.).—Braun, 1893a, 877; 1893d, 468; 1897c, 2–3; 1901, 561, 565–566; 1902b, 31 (to *Philophthalmus*), 32 (includes Bremser, 1824, pl. 9, figs. 1–2; Rud., 1819a, 94, 367; Duj., 1845a, 400; Braun, 1897, 2; 1901, 565; Dies., 1850a, 338; Stoss., 1892, 15, 37).—Cobbold, 1860a, 11.—Crep., 1837, 317.—Dies., 1850a, 338.—Duj., 1845a, 400–401, to (*Dicrocoelium*).—Looss, 1899b, 701 (to *Philophthalmus*).—Mol., 1859, 844.—Moul., 1856a, 50.—Nord., 1832a, 17.—Stoss., 1892, 157.
- lutea* Ben., 1870, 3, pl. 4, fig. 9 (in *Scyllium canicula*); 1878, 28.—Ariola, 1899, 8 (syn. of *D. betencourti*).—Braun, 1892a, 700, 705, 720, 721, 736.—Jacoby, 1900, 11.—Linst., 1903, 354 (syn. of *D. betencourti*).—Looss, 1902, 129.—Mont., 1890, 424.—Stoss., 1886, 52 (in *Sc. can.*, *Mugil chelo*).

DISTOMA—Continued.

- luteum* Baer, 1826a, 125 (*Paludina vivipara*); 1827, 610–611, pl. 29, figs. 20–22.—Braun, 1892a, 632.—Crep., 1837, 310, 325, 326.—Dies., 1850a, 302 (renamed *Heterost. ovatum*); 1858d, 279, 280 (of *La Valette* and Wagener, syn. of *Cercariæum ovatum*) (in *Esox lucius*) “Wagener: n. sp.”—Erc., 1881e, 45, 46, pl. 2, fig. 8; 1882a, 281, 282.—Fil., 1854a, 25.—Fraip., 1880c, 445, 446.—Gamb., 1896a, 62, fig. 30.—Leuck., 1863a, 466, figs. 149, 154, 155; 1879, 10, fig. 1 (of *La Valette*); 1886d, 6 (of *La Valette*), fig. 1.—Mont., 1893, 60, 82, 190 (syns. *Heterost. ovatum* Dies.; *Dist. luteum* *La Valette*, 1854, 86, Wagener, 1853, 103, Pag., 1857, 34; *Cercariæum ovatum* Dies., 1858, 279; *Dist. ovatum* Cobbold, 1860a, 30), 191 (of Ben., 1870, 3; Stoss., 1886, 52; Mont., 1890, 432, renamed *betencourti*).—Moul., 1856a, 213, 215 (*Heterost. ovatum* Dies. as syn.), 216 (in *Paludina vivipara*), 229, 230.—Mueh., 1898, 11.—Pag., 1854, pl. 3, fig. 15, in *Paludina vivipara*; 1857, 6, 34, pl. 3, fig. 13 (in *Paludina vivipara*).—Sons., 1897, 252.—Wagener, 1857, pl. 23, fig. 3 (in liver of *Paludina vivipara* and in int. of a Hecht, at Nice).
- luzii* Dies., 1850a, 358, misprint for *lucii* (Mueller) Zed. (syn. of *D. tereticolle*).
- lydiæ* (Stoss., 1896) Looss, 1899b, 581 (to *Stephanost.*).—Type of *Dihemistephanus*, 1901.
- lymnæi auricularis* Fil., 1854, 25–26, 30, pl. 2, fig. 32 (in *Lymnæus auricularis*); 1854, 280–282, pl. 2, fig. 32; 1855b, 23.—Dies., 1855a, 398 (to *Cercariæum*).—Wagener, 1857, pl. 36.
- lymphaticum* Linst., 1903t, 353–354, figs. 3–4 (in *Mustelus vulgaris*).—Odh., 1906, 64 (syn. of *D. megastomum*).
- macconelli* Cobbold, 1876, 97, *D. sinense* renamed.
- macrobothrium* Ben., 1870, 70, pl. 4, fig. 1 (in *Osmerus eperlanus*).—Stoss., 1886, 52.
- macrocotyle* Dies., 1858e, 342 (in *Orthogoriscus mola*, intestine; Ireland), based on Bellingham, 1844a, 429.—Braun, 1892a, 569; 1893a, 873, 910; 1901b, 27.—Linst., 1898, 522, 523, pl. 45, figs. 8–10, pl. 46, 1–5; 1900, 282; 1901b, 415 (in *Mola mola*, *Myliobatis freminvillei*), 421, 434, 466.—Looss, 1894a, 165; 1899b, 631; 1900, 487.—Mont., 1893, 23, 27, 29, 30, 32, 40, 47, 80, 81, 83, 93, 94, 95, 96, 102, 108, 113, 115, 119, 126, 127, 128, 132, 133, 134, 135 (= *D. megninii*), 136, 137, pl. 1, fig. 7, pl. 3, fig. 27, pl. 4, figs. 43–47; 1903, 10.—Olss., 1868, 24.—Par., 1902, 6 (in *Lophius piscatorius*, *Orthogoriscus mola*; Tonnara d’Enfola).—Sons., 1891, 258 (in *Lophius piscatorius*).—Stoss., 1886, 20; 1887, 185; 1896, 190, to (*Podocotyle*); 1898, 52.
- macrolaimus* Linst., 1894b, 334–335, fig. 9 (in *Vesperugo pipistrellus*).—Braun, 1900, 227–228; 1900, 388.—Looss, 1899b, 618, to *Lecithodendrium*; 1902m, 774.—Luehe, 1899, 536.
- macrophallos* Linst., 1875a, 190–192, pl. 2, figs. 12–13 (in *Totanus hypoleucos*); 1877, 183; 1887, 104 (*macrophallus*).—Braun, 1892a, 585, 736, 737; 1893a, 838, 839, 849; 1900, 234; 1902b, 50, 155.—Jægers., 1900, 738, to (*Levinsonia*).—Looss, 1894a, 135; 1899b, 620; 1902m, 704.—Luehe, 1899, 537.—Nicoll, 1906, 524.—Odh., 1900, 13; 1905, 317.—Stiles & Hass., 1902d, 20.—Stoss., 1892, 147 (in *Actitis hypoleucos* at Ratzeburg, *Totanus fuscus* at Hameln).—Ward, 1901, 184.
- macrophallus* Linst., 1887, 104.
- macropeculum* Cobbold, 1860a, 25 (in *Orthogoriscus mola*) (new name for *D. macrocotyle* Dies.; *D. orthogorisci molæ* Bellingham).—Mont., 1893, 127.
- macroporum* Mont., 1893, 133–138, pl. 4, figs. 48–49 (in *Lophius piscatorius*).—Stoss., 1898, 52 (syn. *D. macrocotyle* Stoss.) (in *L. pisc.*; Trieste).
- macrostomum* (Rud., 1803) Rud., 1809a, 382, 383, 386–387, 393 (in *Motacilla luscina*); 1819a, 104.—Bavay, 1902a, 200.—Bettend., 1897a, 7, 15, 39; 1897, 311, 319, 343.—Bremser, 1824, 133.—Braun, 1883a, 56; 1891c, 215, 219; 1892a, 593, 597, 598, 603, 607, 608, 638, 640, 641, 642, 675, 676, 677, 682, 684, 685, 687, 693, 700, 701, 703, 712, 713, 718, 736, 773, 775, 777, 778, 779, 780, 784, 785, 798, 801, 803, 806, 807, 808, 814; 1893a, 818, 819, 820, 823, 824, 825, 829, 830, 831, 841, 855, 856, 860, 862, 863, 865, 868, 874, 879; 1893b, 177; 1895b, 134, 135; 1901, 561, 566, 568; 1902b, 42, 43 (coll. Vienna, 469, from *Parus major*, as syn. of *Plagiorchis elegans*), 137.—Cobbold, 1860a, 14; 1879b, 436.—Creutzberg, 1890a, 11.—Dies., 1850a, 361 (includes *D. erraticum* et *philomelæ* Rud., 1819a, 120; *D. ringens* Rud., 1819a, 101, 385).—Duj., 1845a, 44.—Gamb., 1896a, 62, 64–67, 72, figs. 32, 33.—Heckert, 1887a, 456ff; 1889a, 66 pp., 4 pls., monograph,

DISTOMA—Continued.

- life history, *Leucochloridium*; 1889b, 357–362; 1890a, 42–43; 1891a, 189; 1892a, 189.—Hoyle, 1890, 540, fig. 4 A. B. (has remarkable larva known as *Leucochloridium paradoxum*).—Jackson, 1888, 648 (rep. system), 651 (= *Leucochloridium* Kowal., 1896i, 353 (9), to (*Urogonimus*); 1896d, (4), 254 (in *Turtur aurita*; Dublany).—Leuck., 1879, 95; 1886d, 72.—Looss, 1892, 101, 116, 122, 159; 1894a, 151, 179, 181, 202, 206, 236, 240, 252, 262; 1896b, 139, 140; 1899b, 536, 646, 647.—Mont., 1888a, 92; 1892, Oct. 7, 187; 1892, 713; 1893, 157.—Mueh., 1898, 101.—Nicoll, 1906, 521.—Olfers, 1816, 44.—Stiles, 1901, 194.—Stoss., 1892, 183; 1898, 23.—Westhoff, 1890, 337–339.—Wolf, 1903, 617, 618.—Wolffhuegel, 1900, 9, 24, 40, 41, 43, 44.—Also reported for *Aegithalus pendulinus*, *Apternus tridactylus*, *Budytes flavus*, *Corvus corone*, *Dryocopus martius*, *Garrulus glandarius*, *Picus major*, *Succinea putris*).
- macrostomum* Schlotthauber, 1860, 130 (in *Petromyzon fluviatilis*).
- macrourum* Rud., 1819a, 98 (in *Corvus cornix*), *D. longicauda*, 1809, renamed.—Baird, 1853a, 50, includes *D. clathratum* Deslongchamps and *D. albicolle* Rud.—Braun, 1891, 101; 1892a, 764 (*macrurum*); 1893a, 875; 1901, 561, 562, 565; 1902b, 99 (pp. of Stoss., 1892, 13, syn. of *Dicrocoelium albicolle*), 106 (syn. of *Lyperosomum longicauda*), 107 (includes Dies., 1850a, 345; Linst., 1883, 309; 1886, v. 2, v. 34; Rud., 1819a, 98; Stoss., 1892, 13 pp.).—Cobbold, 1860a, 11.—Crep., 1837, 324; 1846, 132.—Dies., 1850a, 345 (in *Corvus cornix*, *Anthus arboreus*, *Turdus merula*; *Rhedoni*) (includes *D. attenuatum* Duj.?).—Linst., 1883, 309–310; 1886, 34.—Nord., 1832a, 93.—Rail., 1900, 240.—Stoss., 1892, 156.—Also reported for *Alauda arborea*, *Aquila pennata*, *Cypselus apus*.
- macrurum* Braun, 1892a, 764 (for *macrourum*).
- maculatum* Looss, 1901d, 402–404, fig. 3 (in *Labrus merula*, *Crenilabrus pavo*, *C. griseus*; Trieste).
- maculosum* (Rud., 1802) Rud., 1809a, 374–375 (in *Hirundo apus*; *H. rustica*; *H. urbica*) (includes *Fasc. hirundinis* Frölich, *D. hirundinum*); 1814a, 101; 1819a, 100, 382–383.—Baird, 1853a, 52.—Braun, 1892a, 642; 1901, 561, 566; 1902b, 37, 46, 47, 48, 49 (includes Dies., 1850a, 349, 412; Olss., 1876, 14; Stoss., 1892, 11) (to *Plagiorchis*).—Cobbold, 1860a, 13.—Dies., 1850a, 349 (includes *D. hirundinum* Zed.; *Fasc. hirundinis* Frölich); 1858d, 260 (larva = *Cerc. (Acanthocephala) virgula*); 1858e, 337 (adult in *Cypselus apus*, *Hirundo riparia*, *H. rustica*, *H. urbica*, *Caprimulgus europæus*; larva in *Valvata piscinalis*; *Paludina impura*).—Duj., 1845a, 412–413.—Erc., 1881e, 23; 1882a, 259.—Fil., 1855b, 8, 9.—Giebel, 1857, 266.—Harz, 1881c, 4, 7.—Kowal., 1896d, (3), 253 (in *Hirundo rustica*).—Linst., 1901, 195–197, pl. 9, fig. 24.—Looss, 1899b, 557.—Luehe, 1899, 532.—Moul., 1856a, 43 (des *Hirondelles*), 152, 163.—Mont., 1893, 95.—Olfers, 1816, 44.—Olss., 1876, 14.—Pag., 1857, 53.—Par., 1896, 2.—Stoss., 1892, 13.—Walter, 1892, 250.—Wolffhuegel, 1900, 9, 18.—Also reported for *Chelidon rustica*, *C. urbica*, *Cotyle riparia*, *Drusus trifidus* McLach.
- magnum* Bassi, 1875b, 497–515, pls. 1–3, figs. 1–10, 1–7, 1–3 [in Hirsch; *Mandria*].—Braun, 1893a, 875, 877, 882, 910; 1897a, 1468.—Curtice, 1887, Nov., 390–392.—Dinwiddie, 1892, 4.—Erc., 1881e, 90; 1882a, 326.—Francis, 1894, 450.—Gamb., 1896a, 4, 68.—Huber, 1896a, 576.—Leuck., 1902b, 797–799; 1893c, 435–436.—Looss, 1899b, 556.—Par., 1894, 50.—Sons., 1889, 275 (to *Fasc.*).—Stiles, 1892e, 148; 1892g; 1892m, 464–466; 1894c; 1898a, 49.—Stoss., 1892, 9 (syn. of *Cladocelium giganteum*).—Ward, 1895, 253 (to *Fasc.*), 332 (in *Bos taurus*), 338 (in *Equus caballus*); 1903, 866 (to *Fasc.*).
- marculentum* Braun, 1901g, 948 (in *Emberiza citronella*; *Vien. Mus. no. 620*); 1902b, 148–150, fig. 91.
- margaritarum* Dubois, 1901, 603–605 (in *Mytilus edulis*); 1901, 149–150.—Seurat, 1901, 700–702.
- marginatum* Rud., 1819a, 680 (in *Ardea* sp.; Brazil, May).—Braun, 1892a, 578, 663, 734; 1899g, 485, 486, 490, to *Clinost.*; 1900h, 18, 25, 26, 27, 28, 29, 30, 45; 1900, 141; 1901, 561.—Dies., 1850a, 354 (syn. of *D. dimorphum*).—Duj., 1845a, 446.—Looss, 1899b, 650.—Mont., 1893, 155.—Stoss., 1892, 175 (to *Mesogoni-mus*).—Wagener, 1852, 555–557.
- marginatum* Mol., 1858, 128–129 (in *Anas crecca*; Batavii); 1861, 198–199, pl. 1, figs. 13–14.—Cobbold, 1860a, 10.—Dies., 1858e, 333 (in *A. cr.*; Patavii).—Stoss., 1892, 149.
- m'connelli* McConnell, 1878a, 406, for *macconnelli*.

DISTOMA—Continued.

- medians* Olss., 1876, 25–26, pl. 4, figs. 59–63 (in *Bufo vulgaris*).—Braun, 1892a, 583, 642, 721, 736, 737.—Looss, 1893b, 811; 1894a, 2, 82, 83, 84, 91 (e. p., syn. of *D. clavigerum*), 92, 95, 96, 99, 105–108, 119, 126, 137, 158, 159, 167, 173, 181, 182, 191, 192, 197, 210, 211, 212, 214, 219, 221, 230, 256, 264, 273, pl. 2, figs. 36–38, pl. 8, figs. 168, 169; pl. 9, figs. 187–188 (in *Bufo calamita*; *B. variabilis*; *B. vulgaris*; *Rana esculenta*; *R. temporaria*); 1894, 5, 50; 1896b, 91, 94, 96; 1898, 461; 1899b, 616, 622, 623 (to *Pleurogenes*).—Luehe, 1900, 558; 1901, 169.—Mont., 1893, 86, 95, 102; 1896, 151, 152.—Mueh., 1898, 23.—Nickerson, 1900, 813, 814.—Staff., 1900, 412, 414; 1902, 724.—Stoss., 1889, 70.
- medians* Olss. of Staff., 1900, Aug. 30, 412.—Staff., 1905, Apr. 11, 683=D. *arcanum* Nickerson, 1900, Oct., to *Loxogenes* as type.
- megacotyle* Dies., 1850a, 379 (negacotyle), 659, *D. velellæ* Fil., renamed (in *Velella spirans*; Naples) (negacotyle).—Cobbold, 1860a, 30.—Linst., 1904a, 14 (in *Stenodus nelma*; Siberia).—Mont., 1893, 123.—Moul., 1856a, 217 (in *Vel. sp.*).
- megalocotyle* Mont., 1893, 52, 53, pl. 8, fig. 124.—Linst., 1903, 354 (megacotyle, misprint).
- megaloon* Linst., 1879, 337–338 (in *Lacerta agilis*).—Stoss., 1895, 231 (in *L. ag.*).
- megastomum* Rud., 1819a, 102, 387 (in *Squalus galeus*; Arimini, May).—Ariola, 1899, 7 (includes *D. soccus* Mol.).—Ben., 1858a, 1861a, 170; 1870, 6, pl. 4, fig. 7; 1870, 7.—Braun, 1892a, 647, 679, 701, 702, 728, 734, 738, 761, 784, 786, 873; 1893b, 176.—Bremser, 1824, 133.—Carus, 1884, 129.—Cobbold, 1860a, 24; 1872b, 91; 1879b, 49, 299.—Crep., 1837, 310, 326.—Crety, 1892, 21–24, fig. 1; 1892c, 399; 1892, (92–97); 1893a, 380–382, 383.—Darr, 1902, 667.—Dies., 1850a, 357 (includes Rud., 1819a, 102, 387; Eisenhardt, 145; Bremser, 1824c, pl. 9, figs. 5–8; Kuhn, 1829, 463, pl. 11, figs. 4–5; Duj., 1845a, 471); 1858, 339 (in *Scyllium catulus*).—Duj., 1845a, 471.—Eisenhardt, —.—Jacoby, 1899c, 1900, 16–24, figs. 13–16.—Jegers., 1900b, 68–74, figs. 1–4 (copulatory organs).—Kowal., 1895g, 20 (60).—Kroyer, 1852–53a, 851 (in *Galeus vulgaris*).—Kuhn, 1829, 463.—Looss, 1894a, 128; 1899b, 570 (thinks that this form may belong to *Azygia*); 1902m, 829, 830 (type of *Ptychogonimus*).—Linst., 1903, 354.—Luehe, 1900, 490.—Mont., 1888a, 64, 72; 1890, 426; 1892, Oct. 7, 189; 1893, 6, 7, 33, 34, 35, 53, 71, 77, 78, 79, 82, 95, 102, 192, 193, pl. 1, fig. 2, pl. 7, figs. 105–109, pl. 8, figs. 115, 116, 133–135.—Odh., 1906, 64 (includes *D. lymphaticum* Linst.).—Orley, 1885, 218.—Stoss., 1886, 23; 1890, 43; 1898, 38.—Villot, 1878, 2, 9, 11, 13 (in *Carcharias*; *Scyllium catulus*; *Galeus canis*).—Wagener, 1860, 167.—Wedl, 155, 383, pl. 2a, fig. 16.—Will.-Suhm, 1870, 5–7; 1871, 179–181, pl. 11, figs. 4–5.—Also reported for *Squalus mustelus*, *Mustelus vulgaris*.
- megastomum* Grobben, 1878a, 89 (in *Portunus depurator*).
- megastomum leporis* Kuhn, 1829c; 1830a; 1830b.—Stiles & Hass., 1905a, 941.
- megacotyle* Linst., 1903, 354, for megacotyle.
- megnini* Poir., 1885, 4, 5, 14–15, 22, 25, 31, 32, 33, 39, 41, 45, 49, 51, 54, 64, 65, 66, 70, 76, 88, 94, 109, 112, 116, 117, 118, 120, 129, 130, 133, 144, 150, pl. 23, fig. 8, pl. 29, fig. 2, pl. 31, figs. 5–7, pl. 34 (in a fish).—Braun, 1892a, 569, 597, 603, 608, 623, 624, 625, 631, 666, 671, 673, 674, 677, 690, 712, 717, 724, 731, 733.—Buttel-Reepen, 1900a, 590; 1902, 184, 192, 202.—Darr, 1902, 683, 687, 693.—Jackson, 1888, 644.—Lander, 1904a, 7.—Looss, 1894a, 145 (megninii).—Mont., 1893 (megninii), 23, 27, 29, 30, 32, 33, 34, 36, 37, 40, 47, 48, 64, 80, 81, 93, 94, 95, 104, 113, 119, 125, 126, 127, 134, 135 (megninii), 102, 106, 107; 1896, 154 (megninii).—Wolf, 1903, 619, 621.
- megninii* Mont., 1893, 102, for megnini.
- melis* (Goeze, 1782) Zed., 1800a, 164, 194–196.—Dies., 1850a, 382 (syn. of *D. trigonocephalum*).—Rud., 1809a, 415 (syn. of *D. trig.*).
- mentolatum* Mueh., 1898, 19, for mentulatum.
- mentulatum* Rud., 1819a, 103, 388–389, 681 (in *Coluber natrix*, *Lacerta agilis*, *L. maculata*; Berlin, Arimini, Apr. and July).—Braun, 1891, 99; 1892a, 766, 780, 784, 785; 1901b, 15.—Cobbold, 1860a, 19.—Dies., 1850a, 355 (includes *D. colubri natrix* intestinal Rud., *D. colubri tessellati* Rud.; *D. lacertæ* Rud.); 1858e, 339 (in *Tropidonotus natrix*).—Duj., 1845a, 415, to (*Brachylaimus*).—Erc., 1881e, 73, 74, 75, 76, 77, 78, 79, 82, 89 (in *Tropidonotus natrix*); 1882a, 309, 310, 311, 312, 313, 314, 315, 318, 325.—Holstein-Beck.—Jackson, 1888, 650 (reap. system).—Kampmann, 1894b, 451, 454, 456, 457, 462, pl. 20, figs. 6–9.—Linst., 1879, 184.—Looss, 1899b (=Lepoderma).—Luehe, 1899,

DISTOMA—Continued.

- 529 (of Erc., syn. of *D. nematoides*), 530; 1901, 487.—Mol., 1859, 831, 837–838 (in *Lacerta agilis*, Berlin; *Podarcis merremii*, Arimini; *P. muralis*, Padua; *Tropidonotus natrix*, Berlin; *T. tessellatus*).—Mont., 1893, 187.—Mueh., 1898, v. 1 (1), 10, 19 (mentolatum), 29, 92–93, fig. 13.—Par., 1894, 147, to (*Brachylaimus*) (in *Lacerta merremii*, Rimini).—Schauinsland, 1882, 496.—Sons., 1893, 186.—Stoss., 1889, 61; 1895, 217–218; 1898, 33–34; 1904, 2.—Volz, 1899, 235, 236, 238.—Wedl, 1855, 401–409, pl. 2 b, fig. 9.—Reported for *Lacerta muralis*, *L. viridis*, *L. vivipara*, *Rana temporaria*.
- mentulatum* Rud., of Erc., according to Luehe, 1899, 529, is *D. nematoides*.
- mergi* Rud., 1819a, 121 (in *Mergus albellus*; C. E. V.).—Dies., 1850a, 391 (renamed *D. baculus*).
- merlangi carbonarii* Dies., 1858e, 341, renamed *D. anonymum*, based on Bellingham 1844a, 428.
- merlangi vulgaris* Dies., 1858e, 341, renamed *D. anonymum*, based on Bellingham, 1844a, 428.
- merlangorum* Dies., 1855, 64 footnote 15, based on Bellingham, 1844a.
- meropis* Rud., 1819a, 120 (in *Merops apiaster*; C. E. V.).—Braun, 1901, 568; 1902b, 51, 52, 54 (includes Par., 1896, 5, as syn. of *Plagiorchis triangularis*).—Dies., 1850a, 351 (renamed *D. triangulare*).—Duj., 1845a, 444.—Looss, 1899b, 531, 532, 725.—Par., 1896, 5–7 to (*Brachylaimus*), fig. 2a.—Stiles, 1901, 172.—Stoss., 1892, 186.
- mesosternum* Linst., 1873, 101, see *mesostomum*.
- mesostomum* (Rud., 1803) Rud., 1809a, 387–388 (in *Turdus iliacus*); 1819a, 104.—Braun, 1901, 561, 566–567; 1902b, 116, 117, 126–129, fig. 76 (includes Dies., 1850a, 361; Stoss., 1890, 5; 1896, 128; 1892, 7; 1898, 33).—Cobbold, 1860a, 14.—Dies., 1850a, 361 (includes *D. turdi*) (in *Turdus iliacus*; Greifswald; *Pyrrhula vulgaris*, *Fringilla coccothraustes*, *C. chloris*).—Linst., 1873, 101 (*mesosternum*).—Mueh., 1898, 16.—Olfers, 1816, 44.—Stoss., 1890, 43; 1892; 149 (*D. loxiae*, 1819); 1896, 128; 1898, 33.—Wolffhugel, 1900, 9, 45, 46.—Also reported for *Coccothraustes vulgaris*, *Columba livia*, *Merula vulgaris*.
- metæcus* Braun, 1900f, 389 (in *Vespertilio lasiopterus*; *V. noctua*; Vien. Mus.); 1901b, 31.
- micracanthum* Stoss., 1889, 29, pl. 14, fig. 58 (in *Pagellus erythrinus*; Triest); 1898, 48.—Barbagallo & Drago, 1903, 410, to (*Dicrocoelium*) (in *Pagellus erythrinus*; Catania).—Braun, 1892a, 583, 720.—Mont., 1893, 86, 95, 102.
- microcephalum* Baird, 1853a, 58, pl. 2, fig. 2 (in *Acanthias vulgaris*; Falmouth Harbor); 1853, 22; 1855, 73–74.—Ariola, 1899, 7 (syn. of *D. veliporum* Crep.).—Braun, 1893a, 873.—Cobbold, 1860a, 24; 1886, 52.—Dies., 1855, 64; 1858e, 335 (in *Acan. vulg.*).—Linst., 1903, 354 (syn. of *D. veliporum*).—Lopez, 1888a, 137.—Mont., 1888a (*microcephalum*); 1889, 132–134; 1889, 322 (= *D. veliporum* Crep.); 1893, 52.—Stoss., 1886, 52.
- microcephalum* Crep., 1837, 311; 1849, 64 (in *Corvus cornix*).
- micrococceum* Rud., 1819a, 101, 383–384 (in *Glareola austriaca*; Arimini, April).—Braun, 1901, 561, 564, 567; 1902b, 41, 49, 62 to *Phaneropsolus*, 63, 64 (thinks identical with *Phaneropsolus sigmoides*), 155.—Cobbold, 1860a, 13.—Dies., 1850a, 351.—Duj., 1845a, 447.—Linst., 1887, 104.—Looss, 1902m, 823.—Stoss., 1892, 150.
- microcotyle* Dies., 1858e, 340 (*D. pleuronectis maximi* Bellingham, 1844a, 428) (in *Rhombus maximus*; Hibernia).—Cobbold, 1860a, 25.—Stoss., 1886, 52.
- micropharyngeum* Luehe, 1898g, 623–624, 625 (in *flamingo*; Berberei); 1899, 537.—Jægers., 1898, 16; 1900, 738.—Looss, 1899b, 619.—Odhn., 1900, 12, 13, 17.
- microphylla* Ben., 1870, 1871a, 70, pl. 4, fig. 2 (in *Osmerus eperlanus*; Belgium).—Braun, 1889a, 369.—Linst., 1887.—Stoss., 1886, 52.
- microporum* Mont., 1889, 322, pl. 33, fig. 1 (in *Plagyodus ferox*; Madeira); 1891, 520 (*Plag. ferox*).—Looss, 1899b (to *Hemiusurus*).
- microsoma* Rud., 1819a, 109, 401 (in *Perca marina*; Naples, June).—Carus, 1884, 125.—Cobbold, 1860a, 27.—Duj., 1845a, 456.—Dies., 1850a, 370 (*microsolum*).—Sons., 1890, 141 (in *Serranus scriba*).—Stoss., 1886, 52.
- microsolum* Dies., 1850a, 370 (for *microsoma* Rudolphi).
- microstomum* Rud., 1809a, 50, 388–389 (in *Pleuronectes solea*; Paris, May); 1819a, 104.—Cobbold, 1860a, 26.—Dies., 1850a, 362.—Duj., 1845a, 467.—Kroyer,

DISTOMA—Continued.

- 1843-45a, 488 (in *Solea vulgaris*).—Mont., 1893, 193.—Olfers, 1816, 46.—Risso, 1826, 262.—Stoss., 1886, 53.—Wagener, 1860, 187.
- miescheri* Zschokke, 1890, 764, 765, 767, 781-784, pl. 11, fig. 2 (in *Trutta salar*) to (*Cladocœlium*).—Braun, 1892a, 642, 699, 700, 721, 733, 735.—Jacoby, 1900, 11.—Looss, 1894a, 173, 175; 1899b, 627.—Mont., 1893, 95 (*miescherii*) 153.
- miescherii* Mont., 1893, 153, for *miescheri*.
- migrans* Duj., 1845a, 407-409 (in *Sorex araneus*; *S. leucodon*) (= *Brachylaima* advena renamed, hence type of *Brachylaima*).—Braun, 1892a, 772; 1893a, 831, 864; 1899g, 492; 1901c, 341, 342.—Cobbold, 1860a, 9; 1879b, 296.—Dies., 1850a, 389.—Erc., 1881c, 64; 1882a, 300.—Gamb., 1896a, 71.—Moul., 1856a, 167.—Stiles & Hass., 1898a, 83, 84 (syn. of *Brachylaima advena* Duj.).—Stoss., 1892, 19 (*migras*) (in *Crocidura aranea* at Rennes; *Sorex leucodon*).
- migras* Stoss., 1892, 19, misprint for *migrans*.
- miliaris* Brown, 1881a, 329, misprint for *militare*.
- militare* (Rud., 1803) Rud., 1809a, 421-422 (in *Scolopax arquata*); 1819a, 115, 418.—Bellingham, 1844a, 426.—Ben., 1858a, 1861a, 84-89, 90, 168, 180, 193, 195, 215, 218, 219, 222, pl. 9, figs. 1-11 (includes *Cerc. echinata*; *C. fallax*; *C. pacifica*).—Braun, 1892a, 585, 865.—Chatin, 1880a, 308 (seminal receptacle).—Cobbold, 1879b, 436 to (*Echinost.*).—Crep., 1837, 311, 312, 316, 317.—Dies., 1836, 240; 1850a, 384-385; 1858d, 261; 1858e, 347 (in *Numenius arquatus*).—Duj., 1845a, 429.—Erc., 1881c, 29, 31; 1882a, 265, 267.—Fil., 1854a, 18, 19, 21.—Gamb., 1896a, 72.—Hahn & Lefèvre, 1884a, 516.—Hemp- rich & Ehrenberg.—Hoyle, 1890, 540.—Kowal., 1896d, 253 (3) (in *Limnocyrtus gallinula*; *Dublayi*) to (*Echinost.*).—Leuck., 1863a, 456.—Linst., 1873, 106 (larva=*Cerc. echinifera*) (in *Scolopax gallinula*).—Mégnin, 1884, 53.—Mont., 1888a, 24.—Moul., 1856a, 190.—Nord., 1832a, 69 (in *Numenius arquatus*).—Olfers, 1816, 46.—Sieb., 1835, 57; 1854, 23.—Sons., 1897, 252.—Stoss., 1892, 163 (to *Echinost.*).—Ward, 1895, 341 (in *Canis familiaris*) (perhaps *D. echinatum*).—Also reported for *Ascolopax gallinago*, *A. gallinula*, *Paludina vivipara*.
- milvi* (Gmelin, 1790) Zed., 1803a, 209-210.—Dies., 1850a, 385 (syn. of *D. echinocephalum* Rud.).—Rud., 1809a, 429 (includes *D. falconis milvi* Rud.); 1819a, 115 (renamed *D. echinocephalum*).
- minima* Ben., 1870, 67 (in *Clupea sprattus*).—Mont., 1891, 498, 514 (minimum).
- minimum* Mont., 1891, 498, 514 (for *minima*).
- minutum* Cobbold, 1859d, 364, pl. 63, figs. 4-5 (in *Hæmatopus ostralegus*); 1860a, 14 (London); 1861, 118.—Braun, 1892a, 579; 1902b, 155.—Mont., 1893, 83.—Mueller, 1897, 18, pl. 3, fig. 1.—Nicol, 1906, 514 (in *Hæm. ostr.*).—Stoss., 1892, 184.
- mistroides* (Mont., 1896 [144 (*D. constrictum* Leared, 1862 [nec Mehlis, 1842] renamed)] Braun, 1899b, 715.
- [*modestum* Sluiter, 1898, (a tunicate).]
- moleculum* Linst., 1880, 51-52 (in *Rallus pygmæus*); 1887, 104.—Braun, 1892a, 579, 586; 1902b, 157.—Stoss., 1892, 150.
- molini* Polonio, 1859, see Par., 1894, 148 (*molinii*) (in *Rana esculenta*; Padova).
- molinii* Par., 1894, 148 (for *D. molini*).
- molle* (Leidy, 1856), Stiles & Hass., 1894h, 162-163, fig. 2; 1895a, 737-741, pl. 3, figs. 1-3 to (*Polyorchis*); 1895b, 316; 1895c, 700-701; 1896d, 426.—Braun, 1902b, 23.—Mont., 1896, 165, 166 to (*Polyorchis*).
- mollissimum* Levin., 1881a, 59-61, pl. 2, fig. 4 (in *Cottus scorpius*; *Egedesminde*).—Braun, 1892a, 699, 711; 1893a, 911.—Johnstone, 1907, 185-186, fig. 16 (in *Belone vulgaris*; Foulney Island).—Odh., 1905, 356, 357 (syn. of *Lecithaster gibbosus* (Rud.)), 359 (of Stoss., 1889; syn. of *Lecithaster confusus* Odh.).—Stoss., 1886, 11 (in *Cott. scorp.*; Greenland); 1889, 23 (in *Alausa finta*; Trieste).—Also reported for *Alosa vulgaris*.
- monas* Rud., 1819a, 679 (in *Amphisbæna* sp.; Brazil).—Cobbold, 1860a, 19 (in *Siphonops annulatus*; Brazil).—Dies., 1850a, 350.—Duj., 1845a, 453 to (*Brachylaimus*).—Par., 1896, 12-13, fig. 5 to (*Brachylaimus*).—Stoss., 1889, 71.
- monorchis* Stoss., 1890, 40-41 (2-3), pl. 15, fig. 62 (in *Cantharus orbicularis*; Trieste).—Braun, 1892a, 579, 581, 698, 720, 721, 728, 729; 1895b, 129.—Jacoby, 1900,

DISTOMA—Continued.

- 23.—Looss, 1894a, 178, 218; 1899b, 599.—Mont., 1893, 82, 86, 87, 95, 149, 151 to [(Monorchis)].—Stiles & Hass., 1898a, 91, 98 (type of Monorchis).
- monticellii* Lint., 1898c, 518–520, pl. 44, figs. 2–8 (in *Remora remora*; Woods Holl, Mass., July, Aug.); 1901, 415, 418, 449, 451, 473, 482 (in *Rem. rem.*; *Paralichthys dentatus*, *Pomatomus saltatrix*); 1905, 327, 328, 334, 354, 360, 363, 364, 371, 373, 374, 376, 381, 386, 388, 393, 396, 399, 405, 411, 413, figs. 154, 155, 158 (in *Bairdiella chrysura*, *Centropristes striatus*, *Coryphæna equisetis*, *C. hippurus*, *Cynoscion nebulosus*, *Lagodon rhomboides*, *Leiostomus xanthurus*, *Menidia menidia*, *Menticirrhus americanus*, *Micropogon undulatus*, *Paralichthys albiguttus*, *P. dentatus*, *Pomatomus saltatrix*, *Prionotus tribulus*, *Rachycentron canadus*, *Scomberomorus regalis*, *Seriola lalandi*, *Synodus foetens*, *Trachinotus carolinus*).—Johnston, 1901, 337.—Looss, 1899b (to *Hemiusurus*).
- mormyri* Stoss., 1885, 160, pl. 6, fig. 26 (in *Pagellus mormyrus*; Trieste, Feb.); 1886, 26; 1890, 41; 1898, 36.—Barbagallo & Drago, 1903, 410 to (*Brachylaimus*) (in *Pagellus mormyrus*).—Braun, 1892a, 721, 736, 737.—Lint., 1900, 290.—Looss, 1899b, 571 (judging from Stoss.'s description, this form belongs to the *Creadiinae*, perhaps to *Creadium*).—Mont., 1893, 94.
- mormyris* Hausmann, 1897b, 28 (for *mormyri*).
- motellæ* Ben., 1870, 63 (in *Motella mustela*).
- [*mucosum* v. Dr. (a tunicate).]
- mühlingi* Jægers., 1899a, 7 (in *Larus ridibundus*) (lingua of Mueh. renamed as n. sp.; apparently Koeningsberg).—Looss, 1899b, 586 (*muehlingi*) (pro tem. to *Tocotrema*).
- mülleri* Levin., 1881a, 56–58, pl. 2, fig. 3 (in *Cottus scorpius*, *Gadus ovak*; Egedesminde) [spelled also *müllerii*, *muellerii*].—Braun, 1892a, 643 (*muelleri*), 673, 720, 721, 735.—Looss, 1896b, 136; 1899b, 643 (type of *Progonus*).—Mont., 1888a, 34, 37 (*mullerii*); 1893, 43, 61 (*müllerii*), 82 (*muelleri*), 85, 86, 95, 182, 183.—Odhn., 1905, 365, 366 (*müllerii* to *Genarches*).—Stoss., 1886, 21, 58, to (*Brachylaimus*).
- mullerii* see *mülleri*.
- mulli* Stoss., 1883, 114–115 (in *mullini*; Trieste, January); 1886, 39 (in *Mullus barbatus*; Trieste); 1898, 48.—Carus, 1884, 127.
- muris* Erc., 1882c, 103 [pl. 3, figs. 16–21].—Hoyle, 1890, 538 (refers to Erc.'s experiments with *Cerc. armata*).
- musculi* Rud., 1819a, 119 (in *Mus musculus*; Cat. Vien.).—Braun, 1901e, 340 (of Dies., 1850a, Duj., 1845a) (syn. of *D. recurvum* Duj., 1845).—Dies., 1850a, 395.—Duj., 1845a, 441.—Stoss., 1892, 35 (in *Mus musculus*; Vienna).
- musculorum* Braun, 1893a, 871 [*D. musculorum* *percæ* Waldenburg, renamed].
- musculorum percæ* Waldenburg, 1860, 16 (in *Perca fluviatilis*).
- musculorum suis* Duncker, 1896a, 279–282, 8 figs.; 1897a, 197–198; (1881a, 23–25, figs. 1–6, 55, 159–160, 1 fig.; 1881d, 141; 1884a, 39–40, figs. 1–6).—Stiles, 1898a, 28. See *Agamodist. suis*.
- musculum* Brett, 1880a, 453; 1881a, 139–142 (in *Ovis aries*).—[=*Sarcosporidia*?]
- mutabile* Mol., 1859, 833–834 (in *Podarcis muralis*; Padua).—Braun, 1893a, 875; 1901, 563.—Hollack, 1902a, 869.—Klein, 1905, 20; 1905, 78.—Looss, 1902m, 818, 819, 823, 839.—Luehe, 1900, 563–566; 1901, 172, 173; 1901, 487.—Odhn., 1902, 41, 42.—Rizzo, 1902, 27 (to *Anchitrema*).—Sons., 1893, 185, in *Podarcis muralis* Wagl.—Stoss., 1895, 224.
- mystacidis* Linst., 1896i, 379, larva (in *Mystacides nigra*).
- naia* Duj., 1845a, 387, for *naja*.
- naja* Rud., 1819a, 99, 377–378, 589 (in *Coluber natrix*; Berlin) (includes *Fasc. longicollis* Abildg., 1788, 34, pl. 151, figs. A 1–2, from *Coluber natrix* renamed and *D. colubri natrix pulmonale*).—Braun, 1891, 99; 1892a, 766, 780, 784, 785; 1893a, 876.—Cobbold, 1860a, 18 (*D. longicollis*).—Crep., 1837, 326.—Dies., 1850a, 348.—Duj., 1845a, 395 to (*Dicrocoelium*).—Erc., 1881e, 79, 80, 81, 82; 1882a, 315, 316, 317, 318.—Giebel, 1857, 266.—Kampmann, 1894b, 454, 457.—Lamouroux, 1824a, 562.—Looss, 1899b, 603–604 (type of *Macrodera*); 1902, 732 (type of *Saphedera*).—Luehe, 1899, 533.—Mont., 1893, 187.—Mueh., 1898, 29.—Par., 1894, 147 (in *Natrix torquata*; Padova).—Rizzo, 1902, 28.—Schauinsland, 1882, 496.—Sons., 1893, 185 (*naia*, in *Tropidonotus natrix*).—Stoss., 1895, 221–222.—Volz, 1899, 234, 237.—Also reported for *Zamenis viridiflavus*.

DISTOMA—Continued.

- nanum* (Rud., 1802) Rud., 1809a, 376–377; 1819a, 101.—Braun, 1893a, 874; 1901, 561, 567; 1902b, 47, 48, 49 (to *Plagiorchis*), 155.—Cobbold, 1860a, 12.—Dies., 1850a, 350.—Duj., 1845a, 446.—Linst., 1887, 104.—Olfers, 1816, 44.—Stoss., 1892, 184; 1892, 41; 1904, 2.
- nardoii* Polonio, 1859, see Par., 1894, 627 (in *Lacerta muralis*; Padova).
- nassæ mutabilis* Fil., 1855b, 22.
- negacotyle* Dies., 1850a, 379, for megacotyle.
- neglectum* Linst., 1887d, 101–102, pl. 2, fig. 3 (in *Rana temporaria*).—Braun, 1892a, 699, 721, 736, 737; 1893a, 881.—Kowal., 1894, 3; 1902d (9), 27 (syn. of *Pleurogenes claviger* Rud.).—Looss, 1894a, 82, 83, 84, 91, 92 (syn. of *D. clavigerum*); 1896b, 94, 95; 1899b, 617 (=clavigerum=type of *Pleurogenes*).—Mont., 1893, 83, 86.—Stoss., 1889, 65.
- nematoides* Mueh., 1898, 18 (in *Tropidonotus natrix*; East Prussia); 1898, 11, 29, 93–94, fig. 22.—Braun, 1899, 631; 1901b, 13, 15, 16.—Looss, 1899b, 567–568 (identical with *D. ercolanii*).—Luehe, 1899, 528, 529, 530.—Stoss., 1904, 5.—Volz, 1899, 236, 238.—Also reported for *Lacerta agilis*.
- nephrocephalum* Dies., 1850a, 391 (in *Turdus saxatilis*; M. C. V., spring and summer) (*D. turdi* renamed).—Stoss., 1892, 174, to *Echinost.*
- neuronaia monroi* Maddox, 1867, 97, 98, pl. 8.—Cobbold, 1872b, 92 (*neuronaia monroi*); 1879b, 52.
- neuronaia monroi* Cobbold, 1872b, 92 (for *neuronaia monroi*).
- nigrescens* Olss., 1876, 19–20, pl. 3, fig. 41 (in *Lophius piscatorius*).—Braun, 1892a, 587; 1893a, 872, 873.—Stoss., 1886, 53 (in *Loph. pisc.*, *Molva vulgaris*).—Also reported for *Hippoglossus maximus*, *Lota lota*.
- nigroflavum* Rud., 1819a, 118–119, 425–427 (in *Orthogoriscus mola*; Naples, July) to (*Echinost.*).—Bellingham, 1844a, 427.—Ben., 1855c, 2, 520; 1856, 84; 1858a, 1861a, 111.—Bettend., 1897a, 17; 1897, 321.—Brand., 1898a, 209 (17).—Braun, 1892a, 578, 684, 687; 1893a, 878.—Carus, 1884, 126.—Cobbold, 1860a, 29.—Crep., 1837, 310, 311.—Deslongchamps, 1829, 238 (*nigrostavum*).—Dies., 1850a, 394 (includes *Schisturus paradoxus*); 1858e, 353 (in *Orthag. mola*).—Drummond, —, 240.—Duj., 1845a, 469.—Kerbert, 1881a, 547.—Knoch, 1894a, 11, 12.—Kroyer, 1852–53a, 745 (in *Orthag. mola*).—Lint., 1898, 530–531, pl. 48, figs. 8–11, pl. 49, figs. 1–2; 1900, 282; 1901, 415, 422, 466 (in *Mola mola*); 1905, 328, 334, 374 (in *Coryphæna equisetis*).—Looss, 1894a, 145, 165; 1899b, 528, 631; 1902m, 721, 764, 765, 778.—Luehe, 1900, 487.—Mont., 1888a, 47; 1893, 13, 22, 23, 29, 30, 32, 40, 46, 47, 64, 65, 66, 67, 68, 80, 81, 83, 84, 93, 94, 95, 96, 102, 108, 113, 115, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 169, pl. 1, fig. 11, pl. 3, fig. 23, pl. 4, 38–42; 1891, 110; 1899, 103.—Olss., 1868, 25.—Par., 1887, 333–334.—Risso, 1826, 262.—Sons., 1890, 140–141 (in *Orthag. mola*); 1891, 265.—Stiles, 1901, 195, 196.—Stiles & Hass., 1898a, 92, 93 (? includes *Schisturus paradoxus*).—Stoss., 1886, 40.—Wagener, 1860, 174.—Ziegler, 1883, 552.
- nigrostavum* Deslongchamps, 1829, 238; misprint for *nigroflavum*.
- nigrovenosum* Bellingham, 1844a, 429.—Braun, 1893a, 873; 1900, 233; 1901b, 37.—Dies., 1858e, 343 (in *Tropidonotus natrix*; England).—Looss, 1894a, 219; 1902m, 504, 820, 821, 822, 831.—Luehe, 1899, 533, 534, 535 (thinks this is a *Lecithodendrium*); 1900, 561–562.—Mont., 1893, 24, 32, 33, 34, 40, 41, 42, 43, 82, 83, 84, 85, 88, 89, 91, 95, 98, 102, 105, 106, 107, 113, 116, 117, 185–189, pl. 6, figs. 88–90, pl. 8, figs. 117–120, 132; 1896, 151, 152, 154.—Mueh., 1898, 29.—Odhn., 1902, 42.—Rizzo, 1902, 28 (to *Lecithodendrium*).—Stoss., 1895, 222–223.—Volz, 1899, 235, 236, 237.—West, 1896, 323.
- nigrovenosum natrix* *torquata* Dies., 1855, 64, based on Bellingham, 1844.
- nigrum* Linst., 1883, 307 (in *Corvus cornix*); 1886, 31.—Stoss., 1892, 185.
- nitens* Lint., 1898c, 534–535, pl. 51, figs. 5–6, pl. 52, fig. 1 (in *Tylosurus caribbaeus*; Woods Holl, July); 1901, 415, 422 (in *Tyl. acus*).—Looss, 1899b, 710.
- [*nitidum* Sluiter, 1898, 17 (a tunicate).]
- noctula* Rud., 1819a, 119 (in *Vespertilio noctula*; C. E. V.).—Dies., 1850a, 349 (syn. of *D. chilostomum* Mehlis).—Kolenati, 1857, 11.
- nodulosum* (Frœlich, 1791) Zed., 1800a, 164, 190–192; 1803a, 219.—Baird, 1853a, 56–57.—Ben., 1858a, 1861a, 100, 171, 177, 181, 191, 203.—Braun, 1892a, 575, 584, 587, 642, 654, 699, 747, 768, 772, 780, 784, 785, 786; 1893a, 865, 879, 911; 1900, 231, 232.—Bremser, 1824, 134; 1824, pl. 10, figs. 1–3.—Crep., 1829,

DISTOMA—Continued.

- 67–69; 1837, 323, 324, 326, 327, 328, 329; 1839, 289.—Dies., 1836, 248; 1850a, 380–381 (syns. Fasc. luciopercae, F. percae cernuae Mueller, F. percina Schrank, F. nodulosa Frölich, D. campanula Duj., D. luciopercae Zed., Planaria lagena Braun); (includes Crep., 1829a, 289; Mueller, 1836, 233, 238; Sieb., 1836, 217); 1858d, 282; 1858e, 343.—Duj., 1845a, 434–435 to (Crossodera).—Erc., 1881e, 56; 1882a, 292.—Fil., 1854a, 21; 1857c, 14 to (Crossodera).—Fraip., 1880c, 416.—Gamb., 1896a, 72.—Harz, 1881c, 5.—Hausmann, 1897b, 4, 6, 8, 14, 18, 20, 22, 27, 35 (in Perca fluviatilis).—Jackson, 1888, 652 (in Acerina cernua).—Kowal., 1894, 2; 1894, 222.—Kroyer, 1838–40a, 20, 41, 54; 1846–53a, 333; 1852–53a, 1221 (in Acerina vulgaris, Barbus fluviatilis, Esox lucius, Lucioperca sandra, Perca fluviatilis).—Lint., 1892c, 69, 70.—Linst., 1873a, 1–7, pl. 1, figs. 1–11 (development); 1873b, 328–331; 1873c, 230–231; 1873d, 345–347; 1873e, 101.—Looss, 1894a, 2, 33–41, 47, 49, 50, 123, 124, 133, 136, 150, 161, 164, 181, 191, 192, 197, 199, 208, 215, 216, 264, 268, pl. 1, figs. 8–10, pl. 5, figs. 92–94 (syns. Fasc. luciopercae, F. percae cernuae, F. percina, Plan. lagena) (in Acerina cernua, Aspro vulgaris, A. zingel, Esox lucius, Lucioperca sandra, Perca fluviatilis); 1902m, 452.—Mehlis, 1831, 184–185.—Mueh., 1898, 22.—Moul., 1856a, 19, 24, 46, 47, 99.—Nord., 1832a, 88; 1840, 617, 621 (to Fasc.).—Olfers, 1816, 46.—Olss., 1876, 23.—Rud., 1809a, 366, 410–413; 1819a, 113.—Schauinsland, 1882, 496, 497.—Sieb., 1835, 66, 69, 70, 73, 82; 1836, 217, 233, 235, 236, 237, 238, pl. 10, fig. 1; 1850, 645.—Sramek, 1901, 95, 106, 107, fig. 60 (syns. Fasc. luciopercae Muell., F. percae cernuae Muell., D. luciopercae Zed.) (in Acerina cernua, Perca fluviatilis).—Staff., 1902, 481 (to Bunodera) (in Salvelinus fontinalis).—Stiles & Hass., 1898a, 84, 85, 96 (type of Bunodera) (includes Fasciola luciopercae Mueller).—Wagener, 1857, 26, 27, pl. 21, figs. 3–7; 1860, 165.—Wright, 1884, 429, 430.—Reported also for Abramis vimba, Acipenser rubicundus, Barbus communis, Bithynia tentaculata; Cyprinus).
- nodulosum* partim Dies., 1850a, 380; 1858e, 354 (in Esox lucius) (syn. of D. (Crossodera) campanula Duj.).
- [*non coronata* Crep., 1837a, 326, as name of a group of distomes.]
- notidobiae* Linst., 1896i, 379, a larva in Notidobia ciliaris and Sialis lutaria “aus der Gärte.”
- obesa* Ben., 1870, 33 (Cottus scorpius).
- obesum* Dies., 1850a, 361–362 (in Leporinus friderici, Salminus brevidens, Xiphostoma cuvieri; Brazil); 1855, 67, pl. 3, figs. 11–13; 1858e, 341.—Braun, 1892a, 579; 1893a, 872, 875.—Cobbold, 1860a, 24; 1879b, 458.—Odhm., 1902, 152.—Stoss., 1886, 53.
- oblongum* (Cobbold, 1858) Braun, 1891, 99; 1892a, 579, 583, 635, 636, 674, 692; 1893a, 875, 894, 910; 1893, 354; 1900g, 250, to Campula.—Mont., 1893, 44.—Stiles, 1895l, 219–220, pl. 7, figs. 2, 3; 1895m.—Stoss., 1892, 16–17 (includes Campula oblonga, D. campula, D. campanula) (in Phocaena communis, Platanista gangeticum).
- obovatum* Mol., 1858, 288–289 (in Chrysophris aurata; Patavii); 1861, 201–202.—Braun, 1892a, 736, 737.—Carus, 1884, 130.—Dies., 1859c, 428.—Lint., 1900, 290.—Looss, 1899b, 571 (thinks this form, judging from the description given by Stoss., 1890, belongs to Creadiinae possibly to Creadium).—Mont., 1893, 94.—Stoss., 1885, 159; 1886, 27; 1889, 26; 1898, 35–36; 1901, (7) 95 (to Allocreadium).
- obtusum* Looss, 1896b, 78–81, 83, 85, 87, 88, 89, pl. 6, figs. 53–56 (in cameleon, Alexandria, Egypt); 1899b, 547 to Lecithodendrium.—Luehe, 1899, 534; 1900, 562.—Stiles, 1901, 200.
- “*ocreatum* Zed.” i. e. (Gœze, 1782) Luehe, 1899k, 538 (= Dist. lorum Duj.) type of Ityogonimus.—Looss, 1900, 607.
- ocreatum* (Rud., 1802) Rud., 1809a, 387, 397–398 (Clupea harengus; Griefswald) (includes Leuwenhoek, Epist. 97, 47; Fasc. halecis Gmelin, 1790a; Fasc. ocreata Rud., 1802; Dist. halecis Zed., 1803a, 222); 1819a, 107.—Braun, 1892a, 711; 1893a, 853.—Dies., 1850a, 298, 372.—Duj., 1845a, 422–423 to (Apoblema).—Kroyer, 1846–53a, 174 (in Cl. har.).—Looss, 1899b, 641 (=D. carolinæ Stoss.) type of Pronopyge.—Mont., 1891, 496, 497, 499, 500, 501, 502, 506, 512; 1891, 16 (to Apoblema).—Reported also for Clupea alosa, C. pilchardus.
- ocreatum* Rud. of Mol., 1858, 289 (in Clupea alosa; Padua), 290; 1861, 209–210, pl. 3, fig. 7 (in ———).—Dies., 1859c, 432 (of Mol., p. 289, in Alausa vulg.);

DISTOMA—Continued.

- Padua).—Johnstone, 1907, 177–180, fig. 13 (in *Conger vulgaris*; England).—Linst., 1878a, 269 (syn. of *D. ventricosum* Rud., in *Alosa* vulg.).—Mont., 1891, 497, 498, 499, 500, 501, 520.—Sons., 1891, 259 (syn. of *Dist. ventricosum* Rud.).—Stoss., 1886, 12 (in *Ammodytes lancea*, *A. tobianus* [see next entry sub Odhner]; *Clupea harengus*, *Trutta salar*).—Also reported for *Alosa finta*, ? *A. sardina*.
- ocreatum* Mol., of Olss., 1868, 48, pl. 5, figs. 96–98 (in *Ammodytes lancea*, *A. tobianus*; —).—Braun, 1891d, 423.—Lander, 1904a, 1, syn. of *Hemimurus crenatus* (Rud.).—Looss, 1896b, 125; 1899b, 640, 641 (to *Hemimurus*).—Luehe, 1901n, 399, 400 (syn. of *Hemimurus crenatus* Rud.).—Mont., 1891, 501, 505.—Odhner, 1905, 352 (syn. of *Brachyphallus crenatus*) (fig. 98 from *Ammodytes lancea*, *A. tobianus*, syn. of *Hem. communis*).—Stoss., 1886, 12.
- ocreatum* Mol., of Lint., 1898c, 514–515, pl. 42, fig. 13 (in *Pomatomus saltatrix*; Woods Hole); 1900a, 269, 282 to (*Apoblema*), 288 (in *Merluccius bilinearis*, *Pollachius*; Woods Hole); 290, pl. 35, figs. 16–24; 1901b, 415, 418, 472, 474, 475, 478 (in *Lopholatilus chamaeleonticeps*, *Merluccius bilinearis*, *Pollachius virens*, *Urophycis chuss*; Woods Hole).—See *Hemimurus lintoni*, Pratt.
- ocreatum* of Stoss., 1888.—Stoss., 1898, 30 (syn. of *Apoblema stossichii* Mont.) (in *Alosa sardina*; Trieste).—Luehe, 1901n, 398 (of Mont., 1887; Stoss., 1888, 1898) in stomach of *Clupea pilchardus* at Trieste, syn. of *Hemimurus stossichii* Mont., 1891).—Mont., 1887, 86; 1891, 16, 21; 1891, 514 (syn. of *Apoblema stossichii*).
- ocreatum* (miscellaneous).—Ben., 1870, 64.—Dies., 1855a, 399.—Hausmann, 1897b, 4, 6, 20, 22 (in *Trutta salar*; near Basel).—Linst., 1873, 99.—Mont., 1888a, 8, 56.—Jackson, 1888, 648.—Johnstone, 1901, 337.—Juel, 1889, 7.—Olfers, 1816, 46.—Pag., 1857, 4.—Pratt, 1898, 6 (in *Pseudocalanus elongatus* at Kiel) det. by Mœbius as *ocreatum*, by Mont., 1891, 13 as *Apoblema* append. Rud.; 1898, 354.—Wagener, 1860, 166, 183.—Will.—Suhm., —, 142–143; 1871, 382–383.
- octopodis delle Chiaje*, 1841, 139.—Carus, 1884, 133.
- ocular de Bonis*, 1882, 180.—Stiles, 1902s, 29 (see *Agamodist. ophthalmobium*).
- oculare* Moquin-Tandon, 1860, 347.—Stiles, 1902s, 29.
- oculatum* Levin., 1881a, 64, 67, pl. 2, figs. 7–8 (in *Cottus scorpius*; Egedesminde).—Braun, 1892a, 579, 693, 728, 729.—Johnstone, 1907, 188.—Looss, 1894a, 204, 218.—Mont., 1888a, 10, 38, 49, 78; 1891, 121; 1893, 41, 70, 82, 88, 95, 96, 105, 107, 108, 109, 160.—Odhner, 1905, 328, 331 (type of *Acanthopsolus*).—Stoss., 1886, 38 (in *Cottus scorpius*; Greenland).—Also reported for *Clupea harengus*.
- oculi humani* Gescheidt, 1833, 434–435 (in *Homo*).—Ammon, 1833.—Assenova, 1899, 29.—R. Bl., 1888a, 542, 630–631; 1891, 610.—de Bonis, 1882, 180.—Braun, 1895b, 145; 1903, 3. ed., 151 (perhaps *F. hepatica*).—1906, 156.—Cobbold, 1866, 7.—Dies., 1850a, 334 (syn. of *D. ophthalmobium*).—Dunglison, 1893, 338, 820.—Eiss, 1838, 22–23.—Gamb., 1896a, 63.—Hackley, 1886, 519.—Ijima, 1889b, 123.—Kuech. & Zuern, 1881, 328–329, pl. 8, fig. 12.—Moniez, 1896, 86, 152–153.—Mont., 1892, 713.—Schneidemuehl, 1896, 302.—Sieb., 1839, 164.—Stiles, 1898a, 48; 1902s, 27, 29, 32, 33.—Fischer von Waldheim, 1840a, 149.—Wallenstedt, 1847, 7.—Ward, 1895, 328 (in *Homo*) (see *D. ophthalmobium*); 1903, 866 (syn. of *Agamodist. ophthalmobium* Dies.).—Weinland, 1859, 281 to *Dicrocoelium*.
- oesophagi ardæx nigræ* Viborg, 1795, 242.—Baird, 1853a, 51.—Dies., 1850a, 337 (syn. of *D. hians*).—Rud., 1809a, 359.
- okeni* Ariola, 1906, 185, for *okenii* (Dist.).
- okenii* Kœlliker, 1849c, 55–58, pl. 1, fig. 7 (in *Brama raji*).—Ariola, 1906, 185 (*okeni*) (to *Köllikeria*).—Ben., 1858a, 1861a, 105 (syn. of *D. filicollæ*); 1870c, 137.—Braun, 1892a, 572, 573, 574, 647, 672, 698; 1893a, 878, 894, 912; 1906, 184 (*okeni*).—Dies., 1850a, 359, includes *Monost. filicollæ*; *M. ? molæ*; 1859c, 423, 429–430.—Gamb., 1896a, 70, fig. 35.—Goldb., 1855, 16.—Kroyer, 1838–40a, 594; 1852–53a, 745 (in *Brama rayi* Bl.; *Orthogoriscus mola*).—Looss, 1892, 81.—Mont., 1893, 137, 150.—Moul., 1856a, 25 (trouvé par Kœlliker, dans l'intestin d'un cyprin).—Sons., 1890, 143.—Tasch., 1879, 608, 613.—Wagener, 1852, 566.
- okuli humani* of Schneidemuehl, 1896, 302 for *oculi humani*.
- oligoon* Linst., 1887d, 103 (in *Gallinula chloropus*).—Braun, 1892a, 167; 1902b, 16, fig. 11 (includes *D. spiculigerum* Mueh.).—Mueh., 1898, 97.—Stoss., 1892, 149.

DISTOMA—Continued.

- oloris* Dies., 1855, 64, based on Bellingham, 1844a, 427.
- onycephalum* Galli-Valerio, 1898m, 923 (for oxycephalum).
- opacum* Ward, 1894, v. 15, 173–182, 1 pl. (in *Amia calva*, *Ictalurus punctatus*, *Perca flavescens*, *Cambarus propinquus*; New Baltimore; Lake St. Clair; August); 1895, 15 Feb., 218–219; (1895), 633–634; 1901, 176–184.—Braun, 1900, 234.—Jægers., 1900, 736, 738, 740.—Looss, 1899b, 621.—Odhm., 1905, 317.—Stiles & Hass., 1902d, 20 (type of *Microphallus*).
- ophthalmobium* Dies., 1850a, 334 (in *Homo*; Dresden) [*D. oculi humani* Gescheidt renamed]; 1858e, 333.—Aitken, 1866, 804, 839; 1872, 146, 205; 1874, 58.—R. Bl., 1888a, 630.—de Bonis, 1876, 164; 1882, 180.—Braun, 1883a, 64–65; 1893a, 870; 1903, 3. ed., 151 (perhaps *F. hepatica*); 1906, 156.—Cobbold, 1860a, 6; 1864a, 191–192, fig. 41; 1866, 7; 1876, 211. “*D. ophthalmobium* or *Monost. lentis*.” 1879b, 36, fig. 5.—Dav., 1877a, lxxix, 820, 822.—Dunglison, 1893, 338, 820, 1174.—Gamb., 1896a, 63.—Goubert, 1878, 130.—Gunther, 1858, 209.—Harley, 1864a, 62.—Høek, 1859, 42.—Hoyle, 1890, 538.—Ijima, 1889b, 123.—Jamieson, 1897a, 74.—Kholodk., 1898, 26, 32, 34, pl. 11, fig. 28; 1899a, 152.—Kuech., 1855, 181, 222–223, pl. 4, figs. 13–15.—Leuck., 1863a, 526, 610–613, 633, fig. 205; 1889, 440, fig. 191.—Linst., 1878, 3.—Moniez, 1896, 152–153.—Moquin-Tandon, 1861, 373.—Mosler & Peiper, 1894, 177.—Schneidemuehl, 1896, 302.—Stiles, 1898a, 48; 1902s, 25, 29, 34.—Verrill, 1870, 171.—Vogt, 1878, 10, 13.—Wagner, 1883, 121.—Ward, 1895, 328 (perhaps young *D. lanceolatum*); 1903, 866 to Agamodist.—Wood & Fitz, 1897, 335.
- opisthotrias* Luetz, 1895a, 181–188, pl. 2, figs. 1–4 (in *Didelphys aurita*); 1895b, 189–193; 1896a, 623.—Braun, 1899g, 492 (to *Harmost.*); 1900h, 12; 1901e, 338–339 (to *Harmost.*).—Looss, 1899b, 748 (to *Heterlope*).—Luehe, 1899, 532.—Par., 1896, 3, 5.
- orbiculare* Dies., 1850a, 349 (in *Cebus trivirgatus*; Brazil); 1855, 64, pl. 2, figs. 20–22; 1858e, 335–336.—Braun, 1901e, 311, 312, 313, fig. 14.—Cobbold, 1860a, 7; 1879b, 289.—Stoss., 1892, 36 (in *Nyctipithecus trivirgatus*; Brazil).
- oricola* Leidy, 1884a, 47 (in *Alligator mississippiensis*; Florida); 1891a, 414 (syn. of *D. incommodum*); 1904a, 180.—Braun, 1893a, 872.—Mont., 1892, 715 (*oricula*).—Stoss., 1895, 219 *oricula* (syn. of *D. pseudostomum*).
- oricula* Mont., 1892, 715, for *oricola*.—Stoss., 1895, 219.
- ornithorhynchi* Johnson, 1901a, Nov. 7, 334–338, pl. 22, figs. 1–4 (in *Ornithorhynchus anatinus* Shaw).
- orthagorisci mola* Dies., 1855, 64; 1858e, 342 (in *Orthagoriscus mola*; Ireland) (renamed *D. macrocotyle*).
- osculatum* Looss, 1901e, 654–656, fig. 11 (in *Motella vulgaris*).
- ovatum* (Rud., 1803) Rud., 1809a, 50, 357–358, 420, 432; 1819a, 93, 121, 674.—Anacker, 1887c, 513.—Baillet, 1866b, 105.—Baird, 1853a, 51 (includes *Hirudo fasciolaris* Mueller, *Fasc. ovata* Rud.).—R. Bl., 1888a, 643.—Braun, 1892a, 714, 734, 736, 765; 1893a, 876, 877, 879, 893; 1893d, 467, 468; 1901, 12, 13, 14, 15, 16; 1901, 258–259; 1901, 561; 1902b, 68 (to *Cephalogonimus* by Sons., 1890; type of *Prosthogonimus* Luehe, 1899, 539; and of *Prymnoprion* Looss, 1899b, 628), 69, 72 (in *Corvus corone*) 73, 74, 75, 76, 77, 78, 79, 80, 82, 83, 85.—Caruccio, 1886, 293.—Cobbold, 1860a, 9; 1879b, 440.—Crep., 1837a, 317, 318, 322, 326, 329; 1846, 130, 131, 134–137, 139, 141–143, 146; 1851, 284.—Dav., 1877a, lxxix.—Dies., 1850a, 335–336 (includes: *Igel* in *Hühnerei* Hanow; *Hirudo fasciolaris* Mueller, *Fasc. ov.* Rud., *D. anatis domestica* Rud.); 1858e, 333 (in *Fringilla montana*, *Scolopax gallinago*, *Ardea grus*, *Fulica atra*).—Duj., 1845a, 394–395.—Giebel, 1857, 265.—Hahn & Lefèvre, 1884a, 516.—Hass., 1896a, 2 (to *Cephalogonimus*).—Hugi., 1827, 48.—Juel, 1889, 36.—Kowal., 1894, 2; 1894, 221; 1895, 350; 1895, 372–390, pl. 8, fig. 7; 1896d, (7), 257, to (*Cephalogonimus*) (in *Corvus cornix*, *Gallinago scolopacina*; *Dublan*).—Landois, 1882a, 13; 1882, 23 (in hen's egg).—Linst., 1873, 95, 96, 97, 98, 100, 101, 103.—Lint., 1887, 367–369 (in hen's egg; U. S. A.).—Looss, 1894a, 264; 1899b, 628–629 (type of *Prymnoprion*), 720, 721; 1900, 608.—Luehe, 1899, 539 (type of *Prosthogonimus*).—Mehlis, 1831, 178.—Mont., 1893, 157, 190.—Mueh., 1898, 29–30, 100.—Nord., 1840, 616.—Olfers, 1816, 44.—Sambon, 1900, 219.—Schneidemuehl, 1896, 303.—Sieb., 1835, 64, 65; 1836, 233.—Sons., 1890, 134.—Spencer, 1889, 109 (in hen's egg).—Staff., 1902, 719.—Stoss., 1892, 144 (to *Cephalogonimus*); 1898, 23.—Tschudi, —, 75.—Verrill, 1870, 179.—Wedl, 1857, 241–242, pl. 1, fig. 1.—Wolffhüegel, 1900, 9, 24, 26, 32.—Also reported for *Anas boschas dom.*, *A. clangula*, *A. clypeata*, *A.*

DISTOMA—Continued.

- ferina, *A. glacialis*, *A. marila*, *Anser cinereus* dom., *Ascolopax gallinago*, *Astur nisus*, *Aegolius brachyotus*, *Buteo lineatus*, *Ceryle rudis*, *Chelidon rustica*, *Colymbus subcristatus*, *Corvus americanus*, *C. corax*, *C. cornix*, *C. corone*, *C. frugilegus*, *C. glandarius*, *C. monedula*, *C. pica*, *Crax pratensis*, *Cygnus musicus*, *Falco buteo*, *F. nisus*, *F. subbuteo*, *Fringilla coelebs*, *Fulica atra*, *Fuligula ferina*, *F. marila*, *Gallinula chloropus*, *Grus cinerea*, *Hirundo urbana*, *Lanius minor*, *Larus canus*, *Numenius arcuatus*, *N. arquata*, *Otis tarda*, *Parus major*, *Phasianus gallus*, *Rallus porzana*, *Scolopax gallinago*, *S. rusticola*, *Strix brachyotus*, *Turdus viscivorus*, *Uria grylle*, *Vanellus cristatus*.
- ovatum* of Matsubara (in chickens; Yedo, Japan).—Braun, 1902b, 81–82 (=Prosthogonimus japonicus).
- ovatum* of Wedl, 1858, 241, pl. 1, fig. 1 (in *Scolopax gallinula*, *Grus cinerea*, *Fulica atra*) and of Linst., 1873, 96 (in *Corvus corone*).—Braun, 1902b, 72–73, 77–78 (=Prosthogonimus cuneatus).
- oviforme* Poir., 1886, 26–27, pl. 2, figs. 7, 8, 9 (in *Nycticebus javanicus*).—Braun, 1892a, 700, 721, 735, 737; 1901e, 311, 313.—Looss, 1899b, 608, 618, 714, 715 (to *Phaneropsolus*).—Luehe, 1899, 536 (thinks it is a *Lecithodendrium*).—Mont., 1888a, 38; 1893, 43, 83, 95, 102, 106, 107.—Stoss., 1892, 12–13 (in *Nyct. jav.*).
- ovocaudatum* Vulpian, 1859, v. 5, 150–152 (in *Rana viridis*).—Brand., 1898a, 215 (23).—Braun, 1892a, 603, 765, 774, 775, 784, 786, 787, 798, 803, 805, 808, 810, 814, 815; 1893a, 857, 865, 872, 881; 1893b, 181; 1895b, 11.—Creutzburg, 1890a, 32 pp. (anat. development).—Darr, 1902, 654, 657.—Gamb., 1896a, 72.—Heckert, 1887a, 460.—Kampmann, 1894b, 446.—Leuck., 1863, 490.—Looss, 1885b, 24; 1892a, 74, 101, 123; 1894a, 2, 109–111, 120, 133, 136, 137, 154, 168, 170, 173, 179, 184, 197, 199, 200, 201, 207, 210, 211, 212, 214, 275, pl. 3, fig. 49, pl. 6, fig. 123; 1893b, 813; 1896b, 215, 226, 227; 1899b, 645 (type of *Halipegus*).—Luehe, 1900, 558.—Mont., 1888, 68, 72.—Mueh., 1898, 29.—Schuberg, 1894, 169.—Sons., 1892, 95; 1893, May 7, 215–217; 1893, 187, 188 (in *Rana esculenta*, *R. temporaria*); 1893, 28 Oct., 566; 1893, Apr. 30, 63–64; 1894, 2 May, 172 (*Distomomum*).—Stoss., 1889, 71.
- ovocaudatum* of Nickerson, 1898, 261–264.—Staff., 1900, 405, 409–410; 1905, Apr. 11, 687–688 (syn. of *Halipegus occidialis*).
- ovofarectum* Odhn., 1902, 153–154 (in gallbladder of *Synodontis* sp.; Omdurman, Apr.); 1902, 42.
- ovum* Crep., 1846, 159 (in *Planorbis marginatus*).
- oxycephalikum* Schneidemuehl, 1896, 303, for *oxycephalum*.
- oxycephalum* Rud., 1819a, 98, 375–376 (in *Anas boschas*, *A. clypeata*).—Anacker, 1887c, 513.—Baird, 1853a, 56 (var. of *echinatum* in *Gallus* dom.).—Baillet, 1866b, 105.—Bellingham, 1844a, 423.—Braun, 1892a, 595; 1893a, 879.—Cobbold, 1860a, 12; 1879b, 440.—Crep., 1837, 311, 312; 1846, 142, 144, 145.—Dies., 1850a, 345–346 (syns. *Fasc. appendiculata boschadis*, *D. inerme*); 1858e, 335 (in *Anas clyp.*; *A. crecca*).—Duj., 1845a, 448.—Galli-Valerio, 1898m, 923 (*onycephalum*) (syn. of *Echinost. conoideum*).—Giebel, 1857, 265.—Hahn & Lefèvre, 1884a, 516 (syn. *Fasc. appendiculata* Fröeh.).—Hass., 1896a, 2, 3 (syn. of *Echinost. echinatum*).—Landois, 1882, 23.—Linst., 1873, 105.—Leuck., 1863a, 471.—Looss, 1885b, 18.—Mont., 1888, 40.—Nord., 1832a, 47.—Schneidemuehl, 1896, 303 (*oxycephalikum*).—Stoss., 1892, 167 (syn. of *Echinost. ech.*); 1899, 13.—Verrill, 1870, 179.—Reported for *Anas boschas*; *A. boschas* dom.; *A. boschas fera*; *A. clypeata*; *A. crecca*; *A. ferina*; *A. marila*; *A. querquedula*; *A. tadorna*; *Anser albifrons*; *A. cinereus*; *Fuligula ferina*; *Mergus merganser*).
- oxyurum* Crep., 1825, 48–49 (in *Anas marila*; Feb.); 1837a, 316; 1846, 141, 142, 143.—Braun, 1891, 100; 1892a, 570; 1901, 944; 1902b, 11, 15, 23, 26.—Cobbold, 1860a, 12.—Dies., 1850a, 345 (*A. marila* at Greifswald, *A. clangula*, *A. fuligula*, *A. glacialis*, *A. nigra*, *A. tadorna*).—Duj., 1845a, 450.—Linst., 1882, 19.—Poir., 1885, 101 (*oxyurus*).—Sieb., 1836, 239.—Stoss., 1892, 185.—Reported also for *Bucephala clangula*; *Fuligula cristata*; *F. marila*; *Harelda glacialis*).
- pachisomum* Par., 1894, 155 (for *pachysomum*).
- pachyderma* Braun, 1899e, 629 (in *Chelone atra* =? *Thalassochelys caretta*); 1901b, 26–27, fig. 23.

DISTOMA—Continued.

- pachysoma* Eysenhardt, 1829, 144 (in *Mugil auratus*).—Braun, 1892a, 578, 614, 672, 698, 727, 737; 1893a, 910; 1895b, 129.—Cobbold, 1860a, 27.—Dies., 1850a, 366 (in *Mug. aur.*).—Looss, 1894a, 178; 1902, 129.—Luehe, 1900, 487.—Mont., 1888a, 12; 1893, 43, 82, 129, 151 to [(*Monorchis*)].—Par., 1894, 155 (*pachisomum*).—Sons., 1891, 253, 255.—Stiles & Hass., 1898a, 91.—Stoss., 1886, 15, 47–48 (in *Mugil*); 1886, 16 (in *Mugil auratus*, *M. cephalus*); 1898, 27 to (*Podocotyle*).—Also reported for *Mugil chelo*, *Mergil auratus*.
- pacifica* Steenstrup, 1842, 74–75, 135, pl. 2, figs. 2–8 (of *Cerc. echinata* Sieb.).—Braun, 1881a, 329.—Dies., 1850a, 297 (syn. of *Cerc. fallax*); 1855a, 390–391 (syn. of *Cerc. (Hormost.) echinata*) (includes Sieb., 1843, 6, 54–57).—Erc., 1881e, 46, 47, pl. 2, fig. 7; 1882a, 282, 283 (in *Paludina vivipara*).—Fil., 1854a, 17, 18.—Moul., 1856a, 187, 189, 201, 215, 230.
- pagelli* Ben., 1870, 1871a, 43, pl. 4, fig. 17 (in *Pagellus centrodonatus* at Louvain, Belgium; *Cantharus brama*, Belgium).—Jacoby, 1900, 16.—Stoss., 1886, 20 (in *Cantharus brama*, *Pagellus centrodonatus*).
- palæmonis* Linst., 1877b, 186 (in *Palæmon serratus*); 1878a, 315.
- palliatum* Braun, 1892a, 608 (misprint for *palliatum*).—Gronkowski, 1902a, 523, 531 (16, 24) (for *palliatum*).
- pallasii* Poir., 1885, 13–14, pl. 23, fig. 6 (in *Delphinus phocæna*).—Braun, 1892a, 569; 1893a, 873.—Buttel-Reepen, 1902, 167, 171, 172, 176, pl. 6, fig. 16.—Darr, 1902, 666, 671, 698.—Linst., 1886, 125.—Stoss., 1892, 27 (in *Phocæna communis*; India).
- pallensiscum* Shipley & Hornell, 1905, 53–54, 55, fig. 11 (in *Balistes* sp.; Ceylon).
- pallens* Rud., 1819a, 111, 408, 676 (in *Sparus aurata*; Naples; August).—Carus, 1884, 130.—Cobbold, 1860a, 26.—Dies., 1850a, 337, 348.—Duj., 1845a, 457–458.—Lint., 1898, 526–527, pl. 47, figs. 8–9; 1901, 415 (in *Alutera schœpfii*), 420, 464.—Looss, 1902m, 762.—Stoss., 1886, 31; 1887, 93; 1898, 47.
- palliatum* Looss, 1885a, 390–427, pl. 23, figs. 1–5, 7–14, 30; 1885b, 3–40, 46, pl. 23, figs. 1–5, 7–14, 30 (in gall ducts of *Delphinus delphis*); 1894a, 234; 1899b, 556, 558 (type of *Brachycladium*), 560; 1902m, 711, 776, 777.—Bettend., 1897a, 15; 1897, 319.—Biehringer, 1888a, 230, 231, 232, 233, 234.—Braun, 1892a, 569, 591, 593, 594, 597, 602, 607, 608 (*palliatum*), 618, 629, 640, 641, 662, 666, 671, 673, 674, 675, 677, 682, 688, 699, 701, 704, 711, 712, 713, 717, 719, 726, 727; 1893a, 875, 910; 1893a, 354; 1900g, 250, 251, 252, 253.—Buttel-Reepen, 1902, 185, 202.—Gronkowski, 1902a, 523, 531 (16, 24) (*palliatum*).—Jackson, 1888, 644.—Juel, 1889, 36, 37.—Kath., 1894a, 142.—Kowal., 1898h, 124 (21).—Lander, 1904a, 16.—Linst., 1886, 125; 1890f, 174, 183.—Mont., 1888a, 26, 36, 52, 54, 58; 1893, 27, 33, 41, 42, 65, 66, 67, 75, 83, 84, 85, 88, 90, 91, 95, 99, 102, 106, 107, 108.—Poir., 1886, 37.—Schuberg, 1895, 178.—Stiles, 1895l, 219, pl. 7, fig. 1; 1901, 203, 204.—Stoss., 1892, 10–11 (to *Cladocelium*).—Volz, 1899, 232.—Wolf, 1903, 615, 618.
- palmatum* Rentsch, 1860, 38 (in *Seestichling*, *Gasterosteus*), 41.
- paludine impuræ* Fil., 1854, 279, pl. 2, figs. 28–31 (in *Paludina impura*); 1854a, 24–25, pl. 2, figs. 28–31; 1855b, 23; 1857c, 9.—Dies., 1855a, 399 (to *Cercariæum*).—Erc., 1881e, 33, 46; 1882a, 269, 282.—Leuck., 1863a, 500.—Looss, 1894a, 32, 362 (see *perlatum*).—Moul., 1856a, 96 (to *Cercaria*).
- paludine impuræ* Baer, v. 13, 2, 655.—Dies., 1855a, 399 (to *Cercariæum* (*tentaculorum*)).
- paludine impuræ armatum* Fil., 1857c, 207–211, pl. 2, figs. 14–16; 1857c, 9–13.—Dies., 1858d, 281 (to *Cercariæum*).—Looss, 1894a, 32.
- paludine impuræ inerme* Fil., 1857c, 207–211, pl. 2, figs. 16–18; 1857c, 9–13.—Dies., 1858d, 280 (to *Cercariæum*).—Erc., 1881e, 33, 34; 1882a, 269, 270.—Looss, 1894a, 32.—Sons., 1884, 58; 1897, 252.
- [*pancerii* D. Valle (a tunicate).]
- pancreaticum* Rail., 1890, 143; 1893a, 360 (in sheep; Japan); 1897, 371–377, 1 fig.—Gomy, 1897a, 371, 372.—Jacoby, 1900, 10, 11.—Janson, 1893c, 261.—Looss, 1907, Feb. 1, 124–127, of Janson, (from Hong-Kong).—Stiles, 1898a, 57.—Ward, 1895, 332 (in *Bos taurus*).
- pancreaticum* Katsurada & Saito, 1906, 501–506 (in cattle; Japan).—See *Eurytrema*.
- pancreatinum* Ward, 1895, 335 (in *Ovis aries*) “probably error for *D. lanceolatum*.”
- papillatum* Rud., 1814a, 105, Fasc. appendiculata Frelich, p. 56, pl. 2, figs. 8–9 (in *Anas boschas fer.*; Germany), renamed.

DISTOMA—Continued.

- papilliferum* Mol., 1859, 290 (in *Belone acus*; Batavii); 1861, 213.—Braun, 1892a, 567, 576; 1900, 231.—Carus, 1884, 128.—Dies., 1859c, 433.—Stoss., 1886, 19.
- [*papillosa* Crep., 1837a, 326, as name of a group of distomes.]
- papillosum* Dies., 1850a, 381 (in *Beroë rufescens*; Triest) (= *D. beroës* Will, 1844, 343, pl. 10, figs. 10–13, renamed).—Mont., 1888, 198, 199; 1893, 123.
- paronæ* Mont., 1893i, 43, 191, pl. 1, fig. — (in *Seriola dumerilii*).—Par., 1896 (in *Lichia amia*).
- [*parva* Sluiter, 1900, 6, a tunicate.]
- patellare* Sturges, 1897, Sept., 57–69, figs. 1–5 (in *Triturus* (Molge) *pyrrhogaster* Boie).—Braun, 1899b, 721; 1899g, 492 (to *Phyllodist.*); 1901b, 9, 10, 12.—Looss, 1899b (to *Spathidium*).—Odhn., 1902, 64, 65.
- pectinatum* Lint., 1905, 327, 334, 366, 389, figs. 200–203 (in *Trachinotus carolinus*, *Bairdiella chrysura*; Beaufort, N. C.).
- pedicellatum* Stoss., 1887, 184–185, pl. 12, fig. 52 (in *Chrysophrys aurata*; Triest) (according to Stoss., 1898, this form belongs in *Podocotyle*).—Braun, 1892a, 578, 720; 1893a, 874, 910.—Looss, 1899b, 571 (thinks it belongs to the *Creadiinae* possibly to *Creadium*).—Luehe, 1900u, 487 (*pedicillatum*).—Mont., 1888a, 12; 1893, 86, 94, 105, 107.
- pedicillatum* Luehe, 1900u, 487 (for *pedicellatum*).
- pedocotyle* Leidy, 1890, 282 (in *Mola rotunda*; Beach Haven, N. J.); 1904a, 231.—Mont., 1893, 135.
- pelagiæ* Koelliker, 1849, 53–55, pl. 2, figs. 5–6 (in *Pelagia noctiluca*; Naples) to (*Accacœlium*).—Ben., 1858a, 1861a, 178.—Braun, 1892a, 673, 682; 1893a, 852.—Büttel-Reepen, 1902, 202.—Crep., 1849a, 78.—Dies., 1850a, 395.—Mont., 1888, 198, 199; 1893, 29, 30, 40, 47, 64, 122, 123, 124, 126, 135, 136.—Moul., 1856a, 217 (in *Argonauta argo*; *Pel. noct.*).—Pag., 1862, 298 (in *Arg. argo*).
- pelagicum* Staff., 1900, 399–401, fig. 1 (free form) at Passamaquoddy Bay, St. Andrews, New Brunswick; 1902, 481, to *Hemiurus* (*Apoblema*).
- pellucidum* Linst., 1873, 95–103, pl. 5, figs. 5–6 (in *Gallus domesticus*).—Anacker, 1887c, 513.—Braun, 1892a, 678, 711, 725, 728, 734, 736; 1893a, 873, 893; 1901, 13; 1902b, 68, 72, 79 (*Prosthogonimus*).—Hass., 1896a, 2 (to *Cephalogonimus*).—Juel, 1889, 39.—Landois, 1882, 23.—Looss, 1899b, 539 (= *Prosthogonimus*), 628 (to *Prymnoprion*), 721.—Luehe, 1899, 539.—Mont., 1893, 157.—Neumann, 1892, 374 (to *Mesogonimus*).—Rail., 1890, 138 (to *Cephalogonimus*); 1893a, 369.—Schneidemuehl, 1896, 303.—Staff., 1902, 719.—Stoss., 1892, 157.
- pelophylax esculenti* Wedl, 1849, 197.—Braun, 1893a, 870.—Dies., 1858e, 355 (in *Pelophylax esculentus*).—Stoss., 1889, 71 (in *Rana esculenta*).
- peregrinum* Braun, 1900f, 389 (in *Rhinolophus ferrum-equinum*); 1900b, type of *Mesotretes*.
- pericardium* Crep., 1849a, 78, *D. helici* Leidy, renamed.—Dies., 1858d, 278 (syn. of *Cercariæum vagans*).—Leidy, 1857, 44 (= *D. vagans*).
- perlatum* Nord., 1832, 88–98, 101, pl. 9, figs. 1–9 (in *Cyprinus tinca*); 1840, 617, 620 (syn. of *Fasc. eriocis*).—Ben., 1858a, 1861a, 193.—Braun, 1892a, 747, 768, 780, 784; 1893a, 856; 1893b, 183.—Cobbold, 1860a, 29.—Crep., 1837, 311, 313, 314, 316, 317, 318, 321, 322, 323, 324, 328, 329.—Dies., 1850a, 394–395 (includes *Fasc. tinca*; *D. globiporum tinca*); 1858d, 280 (larva = *Cercariæum paludinae impuræ inermæ*).—Duj., 1845a, 401 (to *Podocotyle*).—Erc., 1881e, 72; 1882a, 308.—Fil., 1857c, 12, 13.—Harz, 1881c, 5.—Hausmann, 1896a, 390, 391; 1897b, 4, 6, 18, 20, 22, 29, 30, 31, 32, 33 (in *Tinca vulgaris*; *Barbus fluviatilis*).—Klein, 1905, 15; 1905, 73.—Kowal., 1894, 2; 1894, 222.—Kroyer 1846–53a, 367 (in *Tinca vulgaris*).—Linst., 1873, 1 (larva = *Cercariæum paludinae impuræ inermæ*).—Looss, 1893b, 815; 1894a, 2, 24–33, 42, 48, 86, 113, 122, 123, 124, 125, 126, 127, 135, 136, 137, 140, 148, 150, 157, 158, 166, 167, 173, 177, 178, 191, 192, 195, 207, 208, 211, 212, 213, 215, 218, 231, 232, 239, 249, 257, 262, 264, 266, 269, 270, 273, 274, 276, pl. 1, figs. 4–7, pl. 4, figs. 81–91, pl. 6, fig. 122, pl. 9, fig. 190 (in *Abramis brama*; *Tinca vulgaris*) (includes *Fasc. tinca*, 1790; *D. ferruginosum*, 1877); 1896, 83; 1899b, 598 (type of *Asymphyllodora*); 1902m, 770, 771.—Luehe, 1900, 487.—Moul., 1856a, 50.—Mueh., 1898, 25, 91, fig. 8a.—Odhn., 1905, 322.—Sieb., 1835, 65, 66, 82.—Sons., 1897, 252.—Stiles & Hass., 1898a, 92, 93.—Stoss., 1886, 41; 1886, 62 (to *Echinost.*).—Wagener, 1857, 44.

DISTOMA—Continued.

- perlatum* var. *exspinosum* Hausmann, 1896a, 390–391 (in *Barbus fluviatilis*; Switzerland); 1897b, 29–34.
- permixtus* (Braun, 1901) Stoss., 1904, 2.
- perniciosum* Taylor, 1884, 53.—Caras, 1888a, 35ff.—Corlette, 1897a, 146.—Dunglison, 1893, 338.—Jamieson, 1897b, 147 (syn. of *D. sinense*).—Laspeyres, 1904a, 12.—Lockwood, 1901, 2. ed., 821.—Tyson, 1903, 3. ed., 1180 (syn. of *D. sinense*).—See *Clonorchis*.
- personatum* Poir., 1885, 11–12, pl. 23, fig. 5, pl. 26, fig. 4, host unknown, Gulf of Mexico.—Buttel-Reepen, 1902, 167, 172, pl. 1, fig. 15.—Darr, 1902, 666, 671.—Lœnnberg, 1891, 71.
- petalosum* Lander in Looss, 1902m, 454 (probably identical with “*D. auriculatum* Wedl of Linton, 1897, 521,” from *Acipenser rubicundus* and probably belongs to *Bunodera*).—See also *lintoni*.
- phasiani galli* Dies., 1855, 64 (*D. dimorphum* Wagener).—Braun, 1892a, 735; 1893a, 874.
- philocholus* Crep., 1845, 330 (in *Delphinus phocæna*, liver).
- philodryadum* West, 1896, 28 Feb., 322–324, pl. 11 (in *Philodryas schottii*; England).—Johnston, 1901, 337.—Luehe, 1900ee, 743.
- philomelæ* Rud., 1819a, 120 (in *Motacilla philomela*; C. E. V.).—Dies., 1850a, 361 (syn. of *D. macrostomum*).—Duj., 1845a, 443.—Stoss., 1892, 183 (syn. of *D. macrost.*); 1898, 23.
- phoxini* Linst., 1896i, 378–379, fig. 9, a larva in *Phoxinus lævis*.
- phryganæ* Linst., 1877b, 185 (in *Phryganea grandis*); 1878a, 296 (in *Ph. gr.*); 1887, 100.
- physæ fontinalis* Dies., 1855a, 400 (to *Cercariæum*) based on Baer, 1827, 656 (in *Physa fontinalis*).
- physophoræ* Kœlliker, 1849c, 53, based on Fil., 1843, 66, pl. 5, fig. 11 (in *Physophora tetrasticha*; Naples).—Dies., 1850a, 374 (syn. of *D. geniculatum*).—Mont., 1893, 124.
- pictum* Crep., 1837, 313, 316 (in *Ciconia alba*); 1846, 135.—Ben., 1868, 298.—Braun, 1893a, 874; 1901, 260; 1901, 896; 1902b, 86, 87, 88, fig. 49 (includes *D. singulare* Mol., 1858; *Stomylus* Looss, 1899b, 629; *Stomylotrema* Looss, 1900, 602) (to *Stomylotrema*).—Dies., 1850a, 397.—Stoss., 1892, 185.
- pinnarum* Wagener, 1857, 26 (in *Gasterosteus*).
- pinnatum* Will.-Suhm. (1873), 341.—Thomas, 1882, 447.
- piriforme* Crep., 1846, 142 (in *Anas fusca*, A. glacialis), (see *D. pyriforme* Crep., 1837).—Braun, 1901, 259–260.
- pittacium* Braun, 1901, 947–948 (in *Strepsilas interpres*); 1902b, 146–147.—Nicoll, 1906, 521, 522.
- planicolle* Rud., 1819a, 682, 686–687 (in *Pelecanus sula*; Brazil) to (Echinost.).—Brand., 1892, 506 to (Echinost.).—Braun, 1901, 561, 567–568; 1902b, 28, 29, 30, 31 (to *Anoictost.*) (includes Brand., 1892, 506; Duj., 1845a, 430).—Dies., 1850a, 326 (syn. of *Monost. echinostomum*).—Duj., 1845a, 430–431.—Mont., 1892, 710.
- planorbis carinati* Fil., 1857c, 13–14, pl. 2, figs. 12–13; 1857 or 1859, 211–212, pl. 2, figs. 12–13.—Dies., 1858d, 282 (to *Cercariæum*).—Linst., 1873, 7; 1877, 14.—Looss, 1894a, 41.
- planorbis cornei* Linst., 1877, 187.
- plattessæ* (Mueller, 1784) Zed., 1803a, 216.—Dies., 1850a, 352 (syn. of *D. areolatum*).—Rud., 1809a, 402 (syn. of *D. areolatum*).
- platyurum* Mueh., 1896, 267–270, figs. 6, 13–14 (in *Harelda glacialis*) [*D. laticolle* Rud. of Mueh.; East Prussia]; 1897, v. 243–279, pl. 4; 1897, 127–128; 1897, 478–479; 1898, 16, 25, 96, 97, 98.—Braun, 1901b, 33; 1902b, 11, 15, 18.—Looss, 1899b, 573–574 (type of *Psilost.*).
- pleroticum* Braun, 1899e, 631 (in host?; Brazil); 1901b, 13, 17.—Luehe, 1899, 529.
- plesiostomum* Linst., 1883, 305–306, pl. 10, fig. 48 (in *Perdix græca*; Turkestan); 1886, 29.—Braun, 1892a, 578, 700, 711, 734; 1899b, 714; 1901, 946; 1902b, 109, 112, 119.—Jacoby, 1900, 10, 11.—Looss, 1899b, 634 (to *Dicrocoelium*).—Stoss., 1892, 152.

DISTOMA—Continued.

- pleuronectis maximi* Dies., 1855, 64 based on Bellingham, 1844a; 1858e, 340 (see Bellingham, 428), renamed *D. microcotyle*.
- [*plumbeum* D. Valle, (a tunicate).]
- poirieri* Stoss., 1895, 227 (*D. gelatinosum* of Poir., 1885); 1904, 3.—Braun, 1899e, 631 (in *Emys europaea*); 1899b, 716; 1901b, 13, 15, 16, 17, 19, 30.—Looss, 1899b, 567.—Luehe, 1899, 528, 529.
- poloni* Mol., 1859, 291 (in *Caranx trachurus*; Batavii); 1861, 219.—Braun, 1892a, 576.—Carus, 1884, 126.—Dies., 1859c, 435.—Mont., 1893, 191.—Olss., 1868, 29; 1876, 15.—Sons., 1890, 142 (in *Caranx trachurus* L.).—Stoss., 1886, 38; 1899, 16.
- polyclinorum* Pag., 1862, 306, pl. 29, fig. 4 (in *Polyclinum*; Golf von Spezia).
- polymorphum* Fil., 1837a, 337–338, figs. 8–14 (in *Planorbis submarginata*); 1855b, 23.—Dies., 1850a, 296 (renamed *Cercaria brachyura*).—Moul., 1856a, 213 (syn. of *Cercaria brachyura*).
- polymorphum* (Rud., 1802) Rud., 1809a, 363–364 (in *Muraena anguilla*), includes *Fasc. anguillae* 1790; 1814a, 101; 1819a, 95, 369–370.—Braun, 1891d, 421; 1892a, 642, 736, 765.—Carus, 1884, 132.—Cobbold, 1860a, 23 (in *Anguilla vulgaris*); 1879b, 458 (in *Esox lucius*).—Dies., 1850a, 340 (includes *D. anguillulae* Abildg. ?, *D. anguillulae* Zed., *Fasc. anguillae*; 1858e, 333 (in *Anguilla vulgaris*) (includes Dies., 1850a, 340; Wedl, 1855, 383, 394, pl. 2a, 17, 400, 408, pl. 1b, 7; Stein, pl. 7, fig. 23).—Duj., 1845a, 468.—Juel, 1889, 39.—Kroyer, 1846–53a, 641 (in *Anguilla migratoria*).—Leeuwenhoek, —, 344.—Linst., 1873e, 99.—Nord., 1840, 618 (syn. of *Fasc. anguillae*).—Olfers, 1816, 45.—Risso, 1826, 262.—Stoss., 1902, 562.—Wedl, 1855, 383–384, pl. 2a, fig. 17; 400, pl. 1b, fig. 7.
- polyoon* Linst., 1887, 103–104 (in *Gallinula chloropus*).—Braun, 1902b, 155–156, fig. 98.—Dies., 1850a, 340.—Stoss., 1892, 186.
- polyorchis* Stoss., 1889, 24–25, fig. 61 (in *Corvina nigra*; Triest).—Braun, 1892a, 583, 673, 698, 700, 728; 1895b, 129; 1902b, 22.—Buttel-Reepen, 1902, 202.—Linst., 1901, 415, 417, 460, figs. 363, 364, 365 (in *Cynoscion regalis*); 1905, 328, 334, 366 (in *Cyn. reg.*), 385.—Looss, 1894a, 178.—Mont., 1893, 82, 84, 85, 86, 95, 148, 149; 1896, 166, to (P.).—Ofenheim, 1900, 160.—Sons., 1890, 136.—Stiles & Hass., 1895a, 737–742; 1895h, 162–163; 1898a, 92, 97 (type of *Pleorchis*).
- pontaliei* Stoss., 1892, 178, for *pontalliei* (Dist.).
- pontalliei* Cobbold, 1860a, 10 (in *Ardea minuta*) (*D. cladocalium* Dies., renamed).—Stoss., 1892, 178 (*pontaliei*) (syn. of *D. cladocalium*).
- porrectum* Braun, 1899b, 714 (in *Saurophaga saurophaga*; New Guinea); 1902b, 109.—Jacoby, 1900, 10, 11.—Looss, 1899b, 634.
- pristiophori* Johnston, 1902, 326–330, pl. 13, figs. 1–7 (in *Pristiophorus cirratus* Lath.).—Linst., 1903, 354.
- pristis* Deslongchamps, in Lamouroux, 1824, 563 (in *Marsouin*); 1824, 281.—Braun, 1892a, 579, 583, 584, 728.—Cobbold, 1860a, 36 (to *Echinost.*).—Dies., 1850a, 390 (in *Merlangus communis*; Normandy).—Duj., 1845a, 433.—Kroyer, 1838–40a, 606 (in *Merlangus vulgaris* Cuv.).—Lamouroux, 1824a, 563.—Looss, 1894a, 204, 218; 1899b, 581 (to *Stephanost.*).—Mont., 1888a, 14; 1893, 86, 88, 105, 107, 108, 109.—Stoss., 1886, 36, 45–46, pl. 8, fig. 33.—Vaullegeard, 1901, 143–146, 1 fig.; 1901, v. 8, 640.
- pseudoechinatum* Olss., 1876, 21–22, pl. 4, figs. 45–49 (in *Larus marinus*; Scandinavia).—Braun, 1893a, 874.—Kowal., 1896d, 253 (3) (in *Dominicanus marinus*, to (*Echinost.*)).—Mont., 1888a, 14; 1893, 86.—Stoss., 1892, 166 (to *Echinost.*).
- pseudostoma* Will.-Suhm, 1870, 11–12, pl. 11, fig. 2 (in *Alligator lucius*); 1871, 185–186, pl. 11, fig. 2.—Brand., 1888a, 15.—Mont., 1892, 34; 1892, 715.—Pavesi, 1881, 294.—Poir., 1886, 334 (to *Diplost.*).—Stoss., 1895, 219 (in *Alligator mississippiensis*; Florida).
- pudens* Lint., 1900a, 269, 283, 290–291, pl. 37, figs. 40–47 (in *Paralichthys dentatus*; Woods Hole, Sept.); 1901, 415, 420, 482; 1905, 328, 334, 372, 413 (in *Paralichthys albiguttus*, *Rachycentron canadus*).
- pulchellum* Rud., 1819a, 94, 367–368, 595 (in *Labrus cynædus*; Naples).—Barbagallo & Drago, 1903, 410 (in *Gobius jozo*; Catania), to (*Dicrocoelium*).—Carus, 1884, 131.—Cobbold, 1860a, 22.—Dies., 1850a, 338–339.—Duj., 1845a,

DISTOMA—Continued.

- 462.—Looss, 1901, 399.—Mol., 1859, 844.—Odhn., 1901, 484, 493, 494; 1902, 160–161 (to *Helicometra*).—Sons., 1891, 257–258 (in *Tinca vulgaris*).—Stoss., 1886, 54; 1898, 45–46.—Also reported for *Blennius ocellaris*, *Labrus mixtus*.
- pulcherrimum* (Weyenbergh, 1876) Weyenbergh, 1878, v. 3, 31–38 (in *Hypostomus plecostomus*; Argentina); 1878, 354–361; 1878, 554–561; 1880, 31–39.—Braun, 1893a, 871.—Looss, 1885b, 55.
- pulex* Linst., 1892, 333–334, pl. 15, fig. 19 (in *Gammarus pulex*).—Braun, 1891b, 182.
- pulmonale* Bælz, 1883a, 236–237, fig. 3 (in *Homo*).—Anders, 1903, 6 ed., 1245.—Bl., 1888a, 627 (syn. *D. ringeri*).—Brand., 1888a, 50; 1890a, 577; 1891b, 265.—Braun, 1892a, 664, 758; 1893a, 876, 882; 1893b, 185, 186; 1901, 332; 1903, 3 ed., 155 (syn. of *Paragonimus westermani*).—Cobbald, 1884g, 976.—de Does, 1903, 409–412.—French, 1896a, 644.—Gamb., 1896, 63, 70.—Hahn & Lefèvre, 1884a, 546 (syn. of *D. ringeri* Cobb.).—Huber, 1896a, 576–577.—Janson, 1897a, 454–455 (in dogs, cats, swine).—Janson & Tokishige, 1892, 349, 351.—Katsurada, 1899a, 8–29; 1900, 506.—Katsurada & Fijiki, 1899a, 1–18, 8–29 (pathology).—Katsurada & Saki, 1899a, 141–185 (treatment).—Kholodk., 1898, 26, 31, pl. 11, figs. 18–21; 1899a, 152.—Kurimoto & Ijima, 1892a, 718–720.—Leuck., 1889, 404–440, figs. 181–190.—Linst., 1890f, 178 (syn. of *D. westermani*).—Looss, 1894a, 118, 142, 159, 180, 181, 186, 206; 1899b, 560; 1905, 84 (syn. of *Paragonimus westermani*); 1905m, 280.—Manson, 1895, 54–55; 1901 (Gibson), 541 (syn. of *D. ringeri*); 1903, 3 ed., 631 (syn. of *Paragonimus westermani*).—Miyake & Matzui, 1894, 1–6, pl. 1.—Moniez, 1896, 144.—Mont., 1888, 54; 1893, 13, 33, 35, 38, 39, 83, 87, 95, 102, 105, 106, 107, 155, 157.—Mosler & Peiper, 1894, 178–179.—Otani, 1888.—Rail., 1890, 143.—Remy, 1883, 525–527, fig. 2.—Rev. sci., 1890, 189.—Schneidmühl, 1896, 301–302.—Shaw, 1901, 600.—Simon, 1896, 225; 1897, 209, 224, 259.—Stiles & Hass., 1900a, 567.—Stoss., 1892, 32 (to *Mesogonimus*).—Taniguchi, 1903, Dec., 100, 105.—Taylor, 1884, 44–48, 51–52, fig. 1.—Vierordt, 1898, 158.—Vincent, 1889, 184; 1890, 189–190; 1890, 80.—Ward, 1895, 244 (syn. of *D. westermani*), 328 (in *Homo*), 341 (in *Canis familiaris*); 1903, 867 (syn. of *Paragonimus westermani*).—Weichselbaum, 1898, 315.—Wolf, 1903, 612.—Wood & Fitz, 1897, 336.—Yamada, 1899, (pathology); 1900 (prophylaxis).—Yamagiwa, 1890a, 457 (seu *cerebrale*); 1891a; 1891b; 1891c.
- pulmonale colubri natricis* Viborg, 1795, 243.—Dies., 1850a, 348 (syn. of *D. naja*).—Rud., 1809a, 434.—Ward, 1895, 244 (syn. of *D. westermani*).
- pulmonar* La Clínica de Málaga, 1883, 308, for *pulmonale*.
- pulmonis* Kiyona, Suga & Yamagata, 1881, teste Ijima, 1889b, 148.—Braun, 1903, 3 ed., 155 (syn. of *Paragonimus westermani*).—Ijima, 1889b, 148.—Inouye, 1903, 120.—Katsurada, 1900d, 506 (syn. of *D. westermani*).—Ward, 1895, 328 (in *Homo*), 341 (in *Canis familiaris*); 1903, 867 (syn. of *Paragonimus westermani*).
- pulmonum* (Bælz, 1880) Tomono Hidekata, 1883 (autopsy).—Inouye, 1903, 120.—Inouye & Katsurada, 1893, 798; 1897, 995 (in brain).—Looss, 1905, 84 (syn. of *Paragonimus westermani*).—Riusai, 1884 (treatment).—Tomono, 1883, no. 96.—Yamagiwa, 1890.—Yamagiwa & Inouye, 1890a, 20 Sept., —; 5 Oct., —; 20 Oct., —; 1890, 5 Nov., 30–40; 20 Nov., 26–38.
- pulvinatum* Braun, 1899, 630 (in *Flusschildkroeten*; Brazil); 1901b, 24–26, fig. 18.—Looss, 1902m, 515, 516.—Odhn., 1902, 42; 1902, 153.
- punctatum* (misprint for *D. punctum* Zed., 1800a, 184) Dies., 1850a, 329 (syn. of *Monost. cochleariforme*).—Harz, 1881c, 11.
- punctum* Zed., 1800a, 164, 183–184 (in *Cyprinus barbus*; Europe); 1803, 217.—Bremser, 1824, 134.—Cobbald, 1860a, 28 (in *Barbus communis*).—Crep., 1837, 326; 1839, 289.—Dies., 1850a, 377 (includes Bremser, 1824c, pl. 9, figs. 21, 22; Duj., 1845a, 463; Rud., 409, 1819a, 112).—Duj., 1845a, 463.—Harz, 1881c, 5, 10, 11 (*punctatum*), 152, 154.—Hausmann, 1896a, 391; 1897b, 30.—Kroyer, 1846–53a, 333 (in *Barbus fluviatilis* Ag.).—Nord., 1832a, 88.—Olfers, 1816, 46.—Rud., 1809a, 327, 366, 409–410; 1819a, 112–113.—Stoss., 1886, 54.
- pungens* Linst., 1894, 333–334, fig. 10 (in *Podiceps minor*; Seeburger See).
- pussillum* (Braun, 1790) Zed., 1803a, 210.—Braun, 1893a, 870.—Cobbald, 1860a, 7 (in *Erinaceus europæus*); 1879b, 295.—Crep., 1825, 55–57; 1837, 310, 326; 1841, 78.—Dies., 1850a, 360 (to *Fasc.*).—Duj., 1845a, 438–439.—Harz, 1881c, 3 (*pussillum*).—Olfers, 1816, 30, 44.—Rud., 1809a, 163, 384–386; 1819a, 104, 119 (pars, syn. of *D. aluconis thoracicum*).—Stoss., 1892, 33, (to *Agamodist.*).

DISTOMA—Continued.

- pussillum* Harz, 1881c, 3 (for *pussillum*).
- putorii* Mol., 1858, 131 (in *Mustela putorius*; Patavii); 1861, 224, pl. 5, fig. 4.—Braun, 1893a, 870 (in *Foetorius putorius*).—Cobbold, 1860a, 9.—Dies., 1858e, 354 (in *Mustela putorius*).—Erc., 1881e, 56; 1882a, 292.—Linst., 1875, 192, pl. 2, fig. 14.—Stoss., 1892, 34 (to *Agamodist.*).—Also reported for *Putorius vulgaris*.
- putorii* (Gmelin, 1790) Rail., 1893a, 366.
- pygmæum* Levin., 1881a, 73–75, pl. 3, fig. 3 (in *Somateria mollissima*; Egedesminde).—Braun, 1892a, 578, 583, 586, 642, 720, 721, 736; 1900, 234.—Jægers., 1901, 982 (type of *Spelotrema*).—Looss, 1899b, 620; 1902m, 704, 705, 706, 784 (in *Somateria mollissima*).—Luehe, 1899, 537.—Mont., 1893, 43, 61, 83, 95.—Nicoll, 1906, 522, 523, 524.—Odhn., 1900, 13; 1905, 314 (to *Spelotrema*).—Stiles & Hass., 1902d, 20 (type of *Spelotrema*).—Stoss., 1892, 147.—Ward, 1901, 184.
- pygmæum similis* (Jægers., 1900) Looss, 1902m, 784.
- pyramidum* Looss, 1896b, 76–78, pl. 6, fig. 52 (in *Rhinolopus hippocrepis* Bonap.; Ghizeh); 1898, 453, 454, 456, 457, 458, figs. 1, 4.—Stiles, 1901, 200.
- pyriforme* Crep., 1837a, 316 (in *Eisente*); 1847, 142 (*piriforme*).—Dies., 1850a, 397 (in *Anas fusca*, *A. glacialis*).—Stoss., 1892, 186.
- pyriforme* Lint., 1900, 269, 279, 292–293, pl. 38, figs. 52–59 (in *Palinurichthys perciformis*; Woods Hole, Aug.); 1901, 415 (in *Cynoscion regalis*, *Monticircus saxatilis*, *Pal. percif.*), 422, 453, 454, 457, 458, 460, 462, 483; 1905, 328, 334, 352, 360, 380, 382 (in *Brevoortia tyrannus*, *Lagodon rhomboides*, *Menidia menidia*).
- pyridatum* Bremser in Rud., 1819a, 678–679 (in *Crocodylus sclerops*; Brazil).—Cobbold, 1860a, 19.—Dies., 1850a, 358 (in *Champsia sclerops*; Brazil).—Duj., 1845a, 452.—Leuck., 1863a, 460.—Rud., 1819a, 678–679.—Stoss., 1895, 231–232.—Also reported for *Caiman sclerops*, *Jacare sclerops*.
- quietum* Staff., 1900, 403–406, fig. 4 (in frogs; apparently Canada).—Type of *Glypthelmins*.
- rachion* Cobbold, 1858b, 158, pl. 31, figs. 9–10 (in *Morrhua ægelfinus*); 1860a, 25.—Braun, 1892a, 642.—Lint., 1898, 538–539, pl. 53, figs. 3–7; 1901, 415 (in *Gadus callarias*), 422, 476.—Mont., 1893, 82, 85, 86.—Nicoll, 1907, 77, 79 (syn. of *Lepodora rachiaea*).—Odhn., 1905, 332 (type of *Lepodora*) (*rachiaea*).—Stoss., 1886, 43 (in *Gadus morrhua*).
- radiatum* Duj., 1845a, 427–428 (in *Carbo cormoranus* or *Pelecanus carbo*), to (*Echinost.*), from *Vien. Mus.*—Dies., 1850a, 383 (syn. of *D. echinatum*).—Stoss., 1892, 167 (syn. of *Echinost. ech.*); 1898, 52.
- radula* Duj., 1845a, 433–434 (in *Lymnaeus palustris*; Rennes), to (*Echinost.*).—Dies., 1850a, 395.—Fil., 1854a, 17.—Moul., 1856a, 203.
- ragazzi* Linst., 1903t, 354, for *ragazzii*.
- ragazzii* Setti, 1897, 8–12, pl. 8, figs. 6–7 (in *Squalus*; Eritrea), to (*Polyorchis*).—Ariola, 1899, 7.—Linst., 1903, 354 (*ragazzi*).—Looss, 1899b, 642, 644, 731, 737 (type of *Syncoelium*).—Par., 1896, 3, *nomen nudum* (in *Squalus* sp.; Red Sea).
- rajæ* Rud., 1809a, 435 (*D. rajæ intestinale* Viborg).
- rajæ intestinale* Viborg, 1795, 242.—Rud., 1809a, 435 (*D. rajæ*).
- ralli* Rud., 1819a, 120 (in *Rallus aquaticus*; M. C. V.).—Dies., 1850a, 339 (syn. of *D. holostomum*).—Duj., 1845a, 447.—Stoss., 1892, 145 (syn. of *Cladocœlium holost.*).
- ramlianum* Looss, 1896b, 36–44, pl. 3, figs. 17–19 (in *Caméléon*; Ramleh); 1898, 461; 1899b, 589–590 (type of *Lepoderma*).—Luehe, 1899, 531.—Stoss., 1904, 2.
- ranæ esculentæ* Dies., 1850a, 388 (syn. of *D. retusum*), based on *Valentin*, 1841, 54.
- rarum* Ben., 1858a, 1861a, 178 (in *Cyprinus dobula*).—Fraip., 1880c, 417.
- rastellus* Olss., 1876, 16–17, pl. 3, figs. 31–36 (in *Rana temporaria*).—Braun, 1892a, 736; 1893a, 881.—Linst., 1887, 97, 98, 101, 102 (syn. of *D. endolobum* Duj.).—Looss, 1894a, 82, 84, 85 (syn. of *D. end.* Duj.).—Mont., 1893, 94, 102 (*rastellum*).—Stoss., 1889, 66.
- rathonisi* Simon, 1896, 182, 192, misprint for *rathouisi*.
- rathonisii* Huber, 1894a, 2 (contents), 1896a, 575 (misprint for *rathouisi*; syn. of *D. buskii*).—Simon, 1896, 182, 192; 1897, 223.

DISTOMA—Continued.

- rathouisi* Poir., 1887, 203–211, pl. 13, figs. 1–7 (in Homo); 1888, 186–187; 1888, 49.—R. Bl., 1891, 610 (syn. of *D. buski*).—Braun, 1892a, 568 (*rathouisi*), 602, 635, 638, 682, 684, 699, 704, 717, 719, 733; 1893a, 875, 882; 1895b, 141–142 (*rathouisi*), fig. 57 (probably identical with *D. buski*); 1903, 3 ed., 154, fig. 100 (*rathouisi*); 1906, 157–160, fig. 91.—Gamb., 1896a, 63, 70 (*rathouisi*).—Hoyle, 1890, 538.—Ijima, 1889b, 133 (*rathouisi*).—Kholodk., 1898, 26, 30, 31, pl. 11, fig. 17.—Leuck., 1889, 328–336, figs. 150, 152, 153.—Moniez, 1896, 86, 117–118.—Mont., 1893, 33 (*rathouisi*), 83, 84 (*rathouisi*), 102, 107.—Stoss., 1892, 27–28 (syn. of *D. crassum*) (in Homo; China; India).—Ward, 1895, 328 (in Homo).
- rathousii* Braun, 1892a, 568, for *rathouisi*.
- rathousii* Mont., 1893, 33, for *rathouisi*.
- raynerianum* Nardo, 1827, 68–69 (in *Luvarus imperialis*; Venice); 1833, 524.—Carus, 1884, 125.—Cobbold, 1860a, 28; 1879b, 460.—Dies., 1850a, 376.—Mont., 1891, 500, 520.—Stoss., 1886, 15; 1891, 112.—Also reported for *Proctostegus* prototypus.
- receptaculum* Cobbold, 1860a, 29 (*D. labracis* Duj. renamed, in *Labrax lupus*).—Odhn., 1901, 514.—Stoss., 1898, 46.
- recurvum* Linst., 1873, 101, 105, 106, pl. 5, fig. 1 (in *Anas marila*).—Braun, 1892a, 569; 1893b, 183.—Kowal., 1894, 3; 1895, 355–356, figs. 9–11, 12c; 1895g, 1, 15), 41, 55; 1896d, (7), 257 (in *Anas boschas*; *Fuligula marila*; *Dublany*), to (*Echinost.*).—Sons., 1897, 252.—Stoss., 1892, 162 (to *Echinost.*).—Villot, 1878, 25.
- recurvum* Duj., 1845a, 410 (in *Mus sylvaticus*; Rennes), to (*Brachylaimus*).—Braun, 1899g, 492; 1901e, 339–341 (includes *D. musculi* Rud.; Duj.; Dies.), 341.—Cobbold, 1860a, 9; 1879b, 316.—Dies., 1850a, 389.—Stoss., 1892, 19–20 (in *Mus sylvaticus*; Rennes).
- refertum* Mueh., 1898, 18 (in *Cypselus apus*; East Prussia), 26, 84, 86–87, figs. 5, 12.—Braun, 1902b, 100, 109 (= *clathratum* Desl.).—Jacoby, 1900, 10, 11.—Looss, 1899b (to *Dicrocoelium*).—Rail., 1900, 239 (syn. of *Dicrocoelium clathratum* Deslong.).
- reflexum* Crep., 1825a, 54 (in *Cyclopterus lumpus*; Mar. and Apr.).—Bellingham, 1844a, 425.—Ben., 1858a, 1861a, 178; 1870, 51, pl. 5, fig. 3.—Braun, 1892a, 578, 699, 700, 734, 737; 1893a, 873, 910.—Cobbold, 1860a, 24.—Dies., 1850a, 373 (includes *D. cyclopteri* in *Cyclopterus lumpus*; Greifswald); 1858e, 342 (in *Cyclopterus lumpus*).—Duj., 1845a, 467.—Hausmann, 1897b, 4, 6, 20, 22 (in *Trutta salar*).—Jacoby, 1900, 11.—Kroyer, 1838–40a, 613 (in *Cyclopterus lumpus*).—Mont., 1893, 95, 102.—Nicoll, 1907, 73, 74.—Odhn., 1901, 484, 485, 506, 508, 509, 512; 1905, 321.—Olss., 1868, 52.—Stoss., 1886, 28.
- reinhardi* Linst., 1903, 280–282, fig. 16 (in *Astacus leptodactylus*).
- renale* Fil., 1855b, 19–20, 23, pl. 2, fig. 21 (in *Helix adspersa* near Turin); 1857, 435–436, fig. 21, pl. 2.—Dies., 1858d, 266 to Cerc. (*Gymnocephala*).—Erc., 1881e, 64, 65; 1882a, 300, 301.—Moul., 1856a, 164, 216 (to Cerc.) (in *Helix aspera* at Turin).—Par., 1894, 160.
- reniferum* Looss, 1898, 461 (*D. unicum* Looss, not Mol., renamed); 1899b, 590 (type of Astia); 1900 (type of *Astiotrema*).—Braun, 1901b, 37.—Luehe, 1899, 531 (*reniforme*).
- reniforme* Luehe, 1899, 531 (syn. *unicum* Looss, nec Mol.), 532 for *reniferum* Looss.—Stoss., 1904, 2.
- repandum* Rud., 1819a, 681 (in *Rana* sp.; Brazil).—Dies., 1850a, 355.—Cobbold, 1860a, 19 (in *Cystignathus pachypus*; Brazil).—Duj., 1845a, 454.—Stoss., 1889, 71 (in *Cystignathus ocellatus*).
- reticulatum* Wright, 1879, 58–59, pl. 1, fig. 6 (in *Ceryle alcyon*); 1879, 7.—Braun, 1892a, 570, 698; 1893a, 876.—Looss, 1894a, 171; 1899b (= Fasc.).—Stoss., 1892, 154.
- reticulatum* Looss, 1885b, 40–57, 59 (*retikulatum*), pl. 23, figs. 16, 20–29 (in “Wels;” Costa Rica); 1885a, 427–444; 1894a, 137, 138, 171; 1899b, 536, 585, 650, 651, (to Clinost.).—Biehring, 1888a, 230, 231, 232, 233.—Bock, 1886a, 544.—Braun, 1892a, 603, 607, 608, 611, 615, 640, 650, 651, 664, 677, 688, 735, 741, 742; 1892, 46; 1893a, 871; 1899g, 484, 485, 486, 487, 491; 1900h, 2, 3, 4, 5, 6, 9, 13, 43, 44; 1900, 26, 31; 1902b, 129.—Jackson, 1888, 644, 645.—Linst., 1890f, 183.—MacCallum, 1899, 705, 707.—Mont., 1888a, 15, 30, 32, 38, 43, 54, 57, 92 (type of *Mesogonimus*); 1893, 18, 44, 65, 66, 83, 85, 88, 90, 91, 102, 106, 107, 155, 156.—Rossbach, 1906, 377.—Stiles & Hass., 1898a, 86 (see *D. dictyotus*) (type of *Mesogonimus*).—Reported for *Acipenser* sp.

DISTOMA—Continued.

- reticulatum* Poir., 1886, 39, pl. 3, fig. 8 (in *Axinurus dugesii*).—Braun, 1899g, 491 (syn. of *Clinost. marginatum*); 1900h, 44, 45.
- retikulum* Looss, 1885b, 59, for *reticulatum*.
- retroconstrictum* Srámek, 1901, 95, 108, fig. 62 (syn. *Monost. constrictum*) (in *Abramis brama* Cuv.); 1902, 21 Apr., 173.
- retroflexum* Mol., 1859, 290 (in *Belone acus*; *Batavii*); 1861, 213.—Braun, 1893a, 910; 1893b, 184 (in *Bel. vulgaris*).—Carus, 1884, 124.—Dies., 1859c, 432.—Luehe, 1900, 488, 492; 1901, 480.—Stoss., 1883, 117 (in *Bel. acus*); 1886, 16; 1891, 216.
- retusum* Duj., 1845a, 405–406 (in *Rana temporaria*; Rennes), to (*Brachycoelium*).—Baillet, 1866b, 96.—Ben., 1858a, 1861a, 92–96, 178, 186, pl. 11, figs. 9–27.—Braun, 1892a, 767; 1893a, 860, 866, 881.—Cobbold, 1860a, 18 (in *Rana esculenta*; *Valentin*).—Dav., 1877a, lxxi, fig. 34.—Dies., 1850a, 388 (includes *D. clavigerum*; *D. ranæ esculentæ*); 1858, 348 (in *Rana halcina*); 1859c, 434 (cf. *Cerc. armata minor* Ben., 1858a, 98, pl. 11, figs. 9–27, in *Lymnæus stagnalis*; Belgium).—Erc., 1881e, 73, 82, 84, 85, 89; 1882a, 309, 318, 320, 321, 325.—Fraip., 1880c, 417.—Gamb., 1896a, 72.—Hahn & Lefèvre, 1884a, 516 (of “*Rud.*”).—Leidy, 1851, 207; 1856, 44.—Linst., 1887, 97, 98, 99.—Looss, 1894a, 82, 84 (of Ben. is syn. of *D. endolobum*), 85, 208; 1899b, 611.—Luehe, 1899, 536.—Mont., 1893, 43.—Pag., 1857, 41.—Staff., 1902, 724.—Stiles, 1901, 197, 199, 201.—Stoss., 1889, 63.—Also reported for *Phryganeidæ* larvæ.
- rhatonisii* Simon, 1897, 223, misprint for *rathousii*.
- rhizophisæ* Mont., 1888, 199 (for *rhizophysæ*).
- rhizophysæ* Studer, 1878, 12–13, pl. 1, figs. 2, 7 (in *Rhizophysa conifera*).—Braun, 1893a, 869; 1893d, 468.—Mont., 1888, 199 (*rhizophisæ*); 1893, 123.
- [*rhodopyge* Sluiter, 1898 (a tunicate).]
- rhombi* Ben., 1870, 72 (in *Rhombus maximus*).—Braun, 1893a, 872.
- ricchiardii* Lopez, 1888, 137–138.—Looss, 1899b, 552, 736; 1901, 204, 206; 1902m, 482, 791 (*amphitypie*), 846, 854.
- richardii* Brand., 1891b, 267 (for *richiardi*).
- richiardi* Mont., 1891, 500 (for *richiardi*).
- richiardi* Lopez, 1888a, 137–138 (in *Acanthias vulgaris*; Risso).—Ariola, 1899, 8.—Brand., 1891b, 267 (*richardii*).—Braun, 1892a, 698, 715.—Crety, 1892b, 373 (*vitelline nuclei* of); 1892c, 396, 399 (*richiardi*); 1892, 24–26, fig. 2; 1892, (92–97); 1893a, 380, 382–384 (*richiardi*).—Linst., 1888, 46; 1903, 354.—Looss, 1894a, 134, 145, 166, 179, 189, 190, 200, 204, 210, 211, 224; 1902m, 482 (*richiardi*), 791, 846, 854, 855 (type of *Probolitrema*).—Mont., 1889, 132–134; 1889, 612; 1891, 500 (*richiardi*); 1892, 5, 6, 7 (*richiardi*); 1892, Oct. 7, 188 (*richiardi*); 1893, 17, 19, 32, 33, 34, 40, 41, 42, 43, 49, 50, 61, 62, 65, 66, 67, 68, 69, 71, 72, 76, 78, 79, 82, 83, 84, 85, 86, 87, 88, 90, 91, 94, 95, 96, 97, 98, 99, 102, 103, 106, 107, 109, 110, 112, 114, 117, 120, 122, 135, 139–148, 209, pl. 1, fig. 10, pl. 5, fig. 51–55, pl. 6, fig. 87, pl. 7, figs. 91–102, pl. 8, figs. 125–130; 1899, 103; 1896, 147, 166 (*richiardi*).—Ofenheim, 1900, 147, 153, 156, 160, 163, 164, 169, 174.—Shipley & Hornell, 1905, 54, 55 (in *Rhinodon typicus*).—Sons., 1890, 135 (*richiardi*).—Stiles, 1896, 205.
- rigens* Linst., 1878a, 282 (in *Scymnodon ringens*) [apparently lapsus for *Dist. ligula* Ben., 1871a, 12], 360 (*ringens*).—Ariola, 1899, 8.—Mont., 1893, 53.
- ringens* Rud., 1819a, 101, 385 (in *Picus tridactylus*; *Mus. vien.*).—Braun, 1893a, 877; 1893d, 467; 1901, 561, 568.—Dies., 1850a, 361 (syn. of *D. macrost.*).—Duj., 1845a, 444.—Linst., 1903, 354.—Stoss., 1892, 184 (syn. of *D. macrost.*); 1898, 23.—Schlotthauber, 1860, 130.
- ringens* Linst., 1878a, 360, see *rigens*.
- ringens* Cobbold, 1880, 139–140, pl. 10, figs. 1–3 (*Homo*); 1884g, 976.—Anders, 1903, 6 ed., 1245 (syn. of *D. pulmonale*).—R. Bl., 1888a, 627–630, 631, fig. 326; 1891, 610 (syn. of *D. westermanni*).—Braun, 1893a, 876, 877, 882; 1901e, 332; 1903, 3 ed., 155 (syn. of *Paragonimus westermanni*); 1906, 161.—Brunet, 1902a, 125.—Chedan, 1886a, 241–244.—Coplin, 1898, 339–340.—Dunglison, 1893, 338.—Eyles, 1887a, 660.—Gamb., 1896a, 63.—Giard & Billet, 1892a, 614.—Hackley, 1886, 519.—Hahn & Lefèvre, 1884a, 546–548 (syn. of *D. pulmonale* Bætz).—Huber, 1896a, 576 (syn. of *D. pulm.*).—Ijima, 1889b, 148.—Inouye, 1897c, 1–4 (in brain); 1903a, 120–135; 1904a, 617–618.—Jackson, 1888a, 653.—Katsurada, 1900, 506.—Linst., 1889, 3; 1890f, 178.—Lockwood, 1901, 2 ed., 821.—Looss,

DISTOMA—Continued.

- 1905, 84 (syn. of *Par. westermanni*).—Manson, 1880, Aug., 139-140, pl. 10, figs. 1-3; 1881, 8-9; 1881, July 2, 10-12, figs. 1-9; 1882, 55-62, figs. 1-25; 1882, July 8, 42-45; 1883, Mar. 31, 532-534; 1883, 1813; 1883, 134-138, 138-156, pls. 8-9; 1886, 241-244; 1893, 852-860, fig. 79; 1901, 541; 1903, 3 ed., 631 (syn. of *Par. westermanni*).—Moniez, 1896, 144.—Mont., 1893, 155.—Mosler & Peiper, 1894, 178.—Mouye (1904), v. 1 (1-2); 1904, v. 2, 144.—Packard, —, 523.—Rail., 1886, 296.—Rail. & Marotel, 1898, 31.—Simon, 1897, 259.—Sons., 1884, 17, 18, 19, 20, 21.—Stiles & Tayler, 1902a, Apr. 19, 45.—Stoss., 1892, 32 (syn. of *Mesogonimus pulmomale*).—Taniguchi, 1903, Dec., 100.—Ward, 1895, 244 (syn. of *D. westermanni*), 328 (in *Homo*), 341 (in *Canis familiaris*); 1903, 867 (syn. of *Par. westermanni*).—Yamagiwa, 1891, 5 Jan., 36-41; 1892, 446.—In tiger.
- ringers* Rev. Sci., 1890, 189, misprint for *ringeri*.
- robustum* Lorenz, 1881a, 583-586, pl. 19 (in *Elephas africanus*), figs. 1-6.—Braun, 1892a, 593, 603.—Mont., 1893, 82, 105, 106, 107.—Stoss., 1892, 18 (in *El. afr.*).
- rochebruni* Poir., 1886, 36-37, pl. 4, figs. 4-5 (*Delphinus delphis*).—Braun, 1892a, 673 (*rochebrunni*); 1893a, 875, 910; 1893, 354; 1900g, 251, 252, 253.—Looss, 1894a, 204; 1899b, 560 (to *Brachycladium*).—Mont., 1893, 44, 107.—Stiles, 1895m, 219, pl. 8, figs. 4, 5.—Stoss., 1892, 11 (to *Cladocelum*).
- rochebrunni* Braun, 1892a, 637, for *rochebruni*.
- rosaceum* Nord., 1832a, 82-88, pl. 8, figs. 1-5, 11 (in *Gadus lota*; October); 1840, 617, 620 (syn. of *Fasc. eriocis*).—Ben., 1858a, 1861a, 99, 100 (syn. of *D. tere-ticollae*).—Braun, 1892a, 653, 757.—Cobbold, 1860a, 26; 1879b, 458.—Crep., 1837, 313, 314, 318, 321, 323.—Dies., 1850a, 364.—Harz, 1881c, 5.—Kroyer, 1838-40a, 609 (in *Lota vulgaris*).—Looss, 1894a, 5, 6 (syn. of *D. teret.*).—Moul., 1856a, 49 (seems to be only a var. of *teret.*).—Stoss., 1886, 25; 1898, 38.—Wagener, 1857, 25.
- rosarum* Cobbold, 1860a, 21; misprint for *rosaceum*.
- rosea* Ben., 1870, 1871a, 90, pl. 4, fig. 10 (in *Petromyzon omalii*; Belgium).—Linst., 1878a, 290 (in *P. fluviatilis*).
- rubellum* Olss., 1868, 40, pl. 4, fig. 89 (in *Labrus maculatus*; Scandinavia).—Braun, 1892a, 579; 1893a, 910.—Looss, 1899b, 618; 1901d, 399.—Luehe, 1899, 537.—Odhn., 1902, 59, 61.—Staff., 1905, Apr. 11, 692.—Stoss., 1886, 20.
- rubens* Duj., 1845a, 411 (in *Sorex fodiens*, *S. tetragonurus*; Rennes) (to *Brachylaimus*).—Braun, 1901e, 342, 344 (syn. of *D. exasperatum* Rud.).—Cobbold, 1860a, 6; 1879b, 296.—Dies., 1850a, 334-335 (in *Sorex daubentonii*; Rhedoni).—Stoss., 1892, 15 (syn. of *D. exasp.*).
- [*rubrum* Savigny, —, 176 (a tunicate).]
- rude* Dies., 1850a, 360-361 (in *Lutra brasiliensis*; Brazil); 1855, 66-67, pl. 3, figs. 9-10; 1858e, 341.—Braun, 1892a, 735; 1893a, 876, 877; 1899g, 492; 1901e, 327, 329, 332, figs. 12, 15, 17 (to *Paragonimus*).—Cobbold, 1860a, 7; 1859d, 363; 1879b, 298.—Kerbert, 1878a, 272.—Lamouroux, 1824, 563 [*Distome rude*].—Stiles & Hass., 1900a, 604 (to *Paragonimus*).—Stoss., 1892, 36 (in *Lut. bras.*).
- rufoviride* Rud., 1819a, 110, 406-407 (in *Muraena conger*; Naples, July).—Bellingham, 1844a, 425.—Ben., 1858a, 1861a, 178, 181, 189, 193, 195.—Braun, 1891d, 424 (in *Uranoscopus scaber*); 1892a, 705; 1893a, 879.—Carus, 1884, 125.—Cobbold, 1860a, 22 (in *Conger vulgaris*).—Dies., 1850a, 342, 371, 372 (includes *D. varium* Eysenhardt) (in *Capros aper*, Naples; *Labrax lupus*, Rhedoni; *Saurus saurus*, Naples); 1858e, 342 (in *Cong. vulg.*).—Duj., 1845a, 421.—Jackson, 1888a, 647.—Kroyer, 1846-53a, 615 (in *Anguilla conger* L.).—Lander, 1904a, 7 (to *Lecithochirium*).—Levin., 1881a, 60.—Linst., 1898, 515-517, pl. 42, 43, figs. 1-4; 1901, 415, 418, 455.—Linst., 1903, 354.—Looss, 1899b, 640 (to *Hemimurus*).—Luehe, 1901, 58; 1901, 474, 476.—Mol., 1858, 129; 1859, 827, 841, 844 (in *Scorpaena porcus*, *S. scropha*, *Anguilla vulgaris*, *Labrax lupus*, *Trigla corax*); 1861, 205-209, pl. 2, figs. 1, 2, 4, 5.—Mont., 1888a, 7, 8, 17; 1891, 497, 500, 502.—Olss., 1868, 49; 1876, 20.—Pag., 1862, 305, pl. 29, figs. 9-10.—Sons., 1891, 259, 261 (in *Rhombus laevis*, *Trigla cuculus*).—Stoss., 1883, 115 (in *Anguilla vulg.*); 1885, 159; 1886, 13 (= *D. caudiporum* Duj.); 1890, 40, 50; 1891, 112; 1902, 582.—Wagener, 1860, 166, 178-181, 183, pl. 9, figs. 6-10.—Also reported for *Acipenser sturio*, *Centronotus glaucus*, *Cepola rubescens*, *Conger conger*, *Dactylopterus volitans*, *Roccus lineatus*, *Saurus lacerta*.

DISTOMA—Continued.

- sagittatum* Ratz, 1898, Oct. 15, 73–75, fig. 5 (in *Ardea alba*); 1900, 437–439.
- salamandra* (Frølich, 1789) Zed., 1803a, 215 (in *Salamandra nigra*).—Dies., 1850a, 356 (syn. of *D. crassicolle*).—Rud., 1809a, 379 (syn. of *D. crassicolle*).
- salamandrinæ perspicillatæ* Sons., 1896, 1; 1896, 116 (in *Salamandrina perspicillata* Say).
- sanguineum* Sons., 1894, 111; 1894, 1–4 (n. sp. in *Chamaeleo vulgaris*; Gabes, Tunis); 1895, 124.—Braun, 1899b, 718; 1900, 225.—Jacoby, 1900, 11.—Looss, 1896b, 106–114, pl. 7, figs. 69–74, pl. 8, figs. 75–78 (in *Taphosus nudiventris* at Cairo; caméléon in Egypt); 1899b, 556; 636, 637 (type of *Anchitrema*).—Ofenheim, 1900, 183.—Stoss., 1895, 217 (in *Chamaeleo vulg.*; Tunisia).
- sauromates* Poir., 1886, 24–26, pl. 2, figs. 4–6 (in lungs of *Elaphis sauromates*).—Braun, 1892a, 699, 736, 737; 1893a, 876 (*sauromatis*).—Looss, 1894a, 204.—Luehe, 1899, 532, 533; 1900, 561.—Mont., 1888a, 57; 1893, 83, 86, 95, 102, 107.—Sons., 1893, 185; 1893, 216.—Stoss., 1895, 220–221 (in *Elaphis sauromates*); 1904, 2.—Volz, 1899, 232, 234, 237.
- sauromatis* Braun, 1893, 876, for *sauromates*.
- scaber* Rud., 1819 of Odhn., 1905, 353, perhaps a *Stephanochasmus*.
- scabrum* (Mueller, 1788) Zed., 1803a, 215–216 (in *Gadus barbatus*).—Bellingham, 1844a, 427.—Ben., 1870, 61 to (*Echinost.*).—Carus, 1884, 126.—Cobbold, 1858b, 158; 1860a, 37.—Crep., 1837, 311.—Dies., 1850a, 393, 398 (in *Morrhua barbata*, *Lota molva*; Naples); 1858e, 351 (in *Merlangus pollachius*).—Duj., 1845a, 432–433.—Kroyer, 1838–40a, 605; 1843–45a, 41, 166 (in *Gadus morrhua*, *Lota molva*).—Looss, 1899b, 581, 582 (of Mueller, generically *Hemiusurus*, specifically problematic) (of Rud., probably a *Stephanost.*).—Mont., 1891, 507, to (*Fasc.*).—Nicoll, 1907, 78.—Olfers, 1816, 46.—Rud., 1809a, 387, 406–408, 428, 435; 1810a, 376; 1819a, 118, to (*Echinost.*), 122, 124 (see also *scaber*).—Stoss., 1886, 34.—Also reported for *Gadus pollachius*, *Molva vulgaris*.
- scimna* Risso, 1826, 262 (also spelled *scymna* and *scymni* by various authors) (in *Echinorhinus spinosus*; Europe).—Ariola, 1899, 7 (*scymni*).—Dies., 1850a, 347 (syn. of *D. insigne*).—Mont., 1893, 52 (*scymni*).—Villot, 1876, 1344–1346; 1878, 3 (*scymna*).
- scombrinum* Linst., 1889a, 80, for *sobrinum*.
- scorpæna* Rud., 1819a, 122 (in *Scorpæna scrofa*; C. E. V.).—Barbagallo & Drago, 1903, 410 (in *Scorpæna lutea*; Catania) to (*Dicrocoelium*).—Braun, 1892a, 569, 642, 728.—Dies., 1850a, 398.—Looss, 1899b, 571 (this form as described by Stoss., 1885, 3, 5, belongs to the *Creadiinæ*, possibly to *Creadium*).—Mont., 1893, 83, 84, 95.—Stoss., 1885, 158 (in *Scorpæna scrofa*; Triest); 1886, 33; 1898, 49.
- scorpii* (Mueller, 1776) Zed., 1803a, 216.—Dies., 1850a, 366 (syn. of *D. granulum*) (in *Cottus scorpio*).—Rud., 1809a, 395.
- scymna* Villot, 1878, 3, for *scimna*.
- scymni* Mont., 1893, 52, for *scimna*.—Ariola, 1899, 7 (syn. of *D. veliporum*).
- scyphocephalum* Braun, 1899e, 630 (in *Testudo matemata*; Brazil); 1901b, 34–36, fig. 14.
- segmentatum* Mueller, 1894, 125–127, pl. 7, fig. 10, to (*Echinost.*).
- semiarmatum* Mol., 1858, 131 (in *Acipenser naccari*; Patavii); 1861, 223.—Braun, 1892a, 584.—Carus, 1884, 127.—Dies., 1858e, 352.—Odhn., 1902, 159.—Stoss., 1886, 42.
- semiflavum* Linst., 1880, 50–51 (in *Petromyzon fluviatilis*).—Stoss., 1886, 54.
- semisquamosum* Braun, 1900b, 228–229, pl. 10, figs. 6, 7 (in *Vesperugo noctula*).—Looss, 1907, Mar. 7, 483 (belongs in *Parabascus*).
- seriale* Rud., 1803a, 351 (in *Salmo alpinus*; Greenland); 1809a, 368–370 (in *Salmo alpinus*), includes *Fasc. umblæ*, 1780; 1819a, 97.—Braun, 1893a, 876; 1893d, 467.—Cobbold, 1860a, 23; 1879b, 457 (in *Salmo umbla*).—Dies., 1850a, 343 (includes *D. umblæ*; *Fasc. umblæ*).—Duj., 145a, 464.—Olfers, 1816, 45.—Stoss., 1886, 54.
- serpentatum* Mol., 1859, 830–831 (in *Sayris camperi*; Padua).—Par., 1896, 18–19, fig. 7 (to *Brachylaimus*).—Also reported for *Scomberesox rondeletti*.
- serpentulum* Carus, 1884, 131 (for *serpentatum*).—Stoss., 1886, 54.
- serratum* Dies., 1850a, 385 (in *Aranus scolopaceus*; Brazil); 1855a, 67, pl. 3, figs. 14–17; 1858e, 347.—Braun, 1892a, 571.—Stoss., 1892, 171.

DISTOMA—Continued.

- sialidis* Linst., 1892, 334, pl. 15, fig. 20 (in *Sialis lutaria*).—Braun, 1893b, 183.
- sibiricum* Winogradow, 1892, 116–130 (in *Homo*); 1892, Nov. 30, 910–911; 1900, 617–618 (in *Man*).—Anders, 1903, 6 ed., 1245 (in *man*).—Askanaazy, 1900, 491, 492, 494; 1901, 73, 77 (in *Tomsk*, in *Homo*, dog, cat).—Bossuat, 1902, v. 6 (2), 188 (syn. of *Opisthorchis felineus*).—Braun, 1894g, 128–129; 1894h, 755; 1894i, 602–606; 1903, 3 ed., 157 (syn. of *Op. fel.*), 159, fig. 106.—Huber, 1896a, 576.—Kamensky, 1900a, 5, 19.—Katsurada, 1900, 500.—Kholodk., 1899a, 152.—Looss, 1899b, 674; 1905, 89 (syn. of *Op. fel.*).—Moniez, 1896, 137, fig. 27.—Simon, 1897, 209, 223.—Ward, 1895, 328 (in *Homo*); 1903, 869 (syn. cf *Op. fel.*).—Weichselbaum, 1898, 315.
- siemensii* Buttell-Reepen, 1900a, 586, 589, 596–598, figs. 8–9 (in *Sphyræna barracuda*; Atlantic Ocean); 1902, Dec. 8, 165–236, pl. 6, fig. 26, pl. 10, fig. 54, text fig. h; 1904, Jan. 26, 24–25; 1905, July, 52–53.—Darr, 1902, 668, 671.
- signatum* Duj., 1845a, 415–416 (in *Coluber natrix*; Rennes) to (*Brachylaimus*.—Braun, 1891, 100; 1892a, 780, 784, 785; 1893a, 864, 866, 873; 1901b, 13, 16 (of *Erc.*, syn. of *D. ercolanii* Mont.).—Cobbold, 1860a, 20.—Dies., 1850a, 390 (in *Tropidonotus natrix*); 1858e, 350 (in *Tropidonotus*).—Gamb., 1896a, 72.—Hoyle, 1890, 538.—Kampmann, 1894b, 454, 456, 457, pl. 20, fig. 10.—Linst., 1879, 185.—Looss, 1899b, 706.—Luehe, 1899, 528 (of *Erc.*, not Duj.).—Mont., 1893, 187, 188.—Mueh., 1898, 30.—Schauinsland, 1882, 496.—Sons., 1893, 186.—Stoss., 1895, 216–217; 1898, 34.—Volz, 1899, 235, 237.—Wedl, 1855, 400–401, pl. 2b, fig. 8.—West, 1896, 323.—Also reported for *Natrix torquata*.
- signatum* of *Erc.*, 1881c, 73, 74, 75, 76, 78, 79, 81, 82; 1882a, 309, 310, 311, 312, 314, 315, 317, 318, pl. 2, figs. 2–5 (in *Tropidonotus natrix*), renamed *D. ercolanii* by Mont., 1893, 187, 188, pl. 6, fig. 67.—Braun, 1901b, 13, 16.—Luehe, 1899, 528.—Par., 1904, 1.—Stoss., 1904, 1.
- simile* Sons., 1890, 105 (in *Python molurus*); 1893, 215, 216; 1893; 185 (in *Py. mol.*); 1893, 499.—Looss, 1899b, 602.—Luehe, 1899, 532.
- simile* Looss, 1899b, 602 (see *Hæmatolæchus similis*).—Stiles, 1901, 178.—Stiles & Hass., 1902d, 20 (renamed *Hæmatolæchus similigenus*).
- simillimum* Mueh., 1898, 18 (in *Fuligula nyroca*); 1898, 26, 96–97, 98, figs. 4, 19.—Braun, 1902b, 11, 18.—Looss, 1899b, 574 (to *Psilost.*).
- simplex* Rud., 1809a, 370–371 (in *Gadus æglefinus*), Fasc. æglefini Mueller, 1776, renamed; 1819a, 97.—Braun, 1892a, 642, 699, 711, 728, 736; 1893a, 866, 879.—Cobbold, 1858b, 157.—Dies., 1850a, 343–344.—Duj., 1845a, 466.—Kroyer, 1838–40a, 606 (in *Gadus æglefinus*).—Lamouroux, 1824a, 563 (distome simple).—Levin., 1881a, 18, 67–69, pl. 3, fig. 1 (of *Olss.*, syn. Fasc. æglefini) (larva in *Themisto libellula*; adult in *Cottus scorpius*; *Phobeter ventralis*; *Egedesminde*); 1876, 15.—Lint., 1898, 525–526, pl. 47, figs. 3–7; 1900, 295; 1901, 415 (*Hemitripteris americanus*, *Leptocephalus conger*, *Limanda ferruginea*, *Microgadus tomcod*), 420, 436, 451, 468, 475, 482, 483, 485, 486, figs. 331, 332; 1905, 328, 334, 397 (in *Micropogon undulatus*).—Linst., 1889a, 97 (in *Conger vulgaris*).—Mont., 1893, 61, 83, 86, 94, 102, 105, 106, 107.—Nicoll, 1907, 70, 73 (of *Olss.*, syn. of *Podocotyle atomon*).—Nord., 1840, 619 (syn. of Fasc. æglefini).—Odhn., 1901, 484, 485, 506, 508, 509, 510, 511, 512, 513; 1905, 320–321 (of *Olss.*, syn. of *Podocotyle atomon*) (to *Sinistroporus*, designated type in letter to Stiles, May 15, 1905).—Olfers, 1816, 45.—*Olss.*, 1868, 34; 1876, 15.—Staff., 1904, 484.—Stoss., 1886, 30–31 (in *Anguilla vulgaris*, *Cottus scorpius*, *Gadus æglefinus*, *G. melanostomus*, *Lota vulgaris*, *Phobeter ventralis*, *Raniceps niger*, *Sebastes norvegicus*); 1902, 582.—Also reported for *Conger vulgaris*.
- simplex* Rud. of *Olss.*, 1868, 34; 1876, 15.—Levin., 1881, 67–69 (syn. Fasc. æglefini) (larva in *Themistone libellula*; adult in *Cottus scorpius*, *Phobeter ventralis*; *Egedesminde*).—Odhn., 1905, 320–321 (syn. of *Podocotyle atomon*).
- simplex* Polonio, 1859, teste Par., 1894, 147 (in *Lacerta muralis*; Padua).
- simulans* Looss, 1896b, 52–54, pl. 4, figs. 28–30 (in *Pernis apivorus*; Alexandria); 1899b, 673 (to *Opisthorchis*).—Jacoby, 1900, 7.
- sinense* Cobbold, 1875i, Sept. 18, 423 (in *Homo*); 1875, Oct., 780–781; 1876, 97 (same as *chinense* and *macconnelli*); 1877, Jan., 15–16; 1883, 401; 1884g, 976.—Bælz, 1883, 234.—Biggs., 1890a, 30–37, 1 fig. (in *U. S. A.*).—Billet, 1893a, 506–510, figs. 1–2 (syns.: *D. hepatitis perniciosum*, *D. hepatitis innocuum*, *D. japonicum*).—R. Bl., 1888a, 585, 596, 615–618 (syn. *D. spathulatum* Leuck.), 622 (similar to *D. japonicum*), 631; 1891, 605, 607–609, 610 (syns.:

DISTOMA—Continued.

- D. japonicum* Bl., *D. hepatis endemicum* sive *perniciosum*, *D. hepatis innocuum*); 1901b, 209; 1901c, 586 (to *Opisthorchis*).—Braun, 1891d, 426; 1893, 349, 352, 353; 1893a, 875; 1893f, 386, 425, 427, 428; 1894i, 605; 1895b, 146–147, figs. 63–64; 1903, 3 ed., 161 (to *Opisth.*).—Bruce, 1897a, 211–212.—Brunet, 1902a, 125.—Caras, 1888a, —, pl. 2 (liver flukes of man in Orient); 1888, 44 pp., 4 figs.—Chester, 1887a, 360.—Corlette, 1897a, 146–147 (Australia).—Delafield & Prudden, 1897, 130.—Gamb., 1896a, 63, 70.—Giard, 1904, 8.—Grall, 1887a, 468, 1 fig; 1887, xlviii.—Hackley, 1886, 518–519, fig. 883.—Hahn & Lefèvre, 1884a, 544–545 (syns. *D. spatulatum* Leuck., *D. hepatis innocuum* Bætz).—Hori, 1890.—Huber, 1896a, 577 (syn. of *D. spatulatum* Leuck.).—Ijima, 1889b, 145.—Jamieson, 1897a, 71–74, 1 fig. (jaundice); 1897b, 147–148.—Janson, 1893c, 265–266.—Katsurada, 1891; 1900, 479.—Kholodk., 1898, 26, 28, pl. 11, figs. 6–9; 1899a, 152.—Kuech., 1881, 333–335, pl. 8, fig. 10A.—Kurimoto, 1893a, 1–7, 21–24, 35–39, 1 pl. (in Saga, Japan); 1893b, 67–69, 85–87, 109–111.—Linst., 1903, 279.—Looss, 1905, 90 (to *Opisth.*); 1907, Feb. 1, 136, 137, 141, 142, 143, 144, 147.—MacGregor, 1877, 3–16, 1 pl.—McConnell, [1875, 271–274; 1876, 343 (sineuse); 1878, March 16, 406 (m'connelli)].—Manson, 1901 (Gibson), 540; 1903, 3 ed., 631, 635–637, 639.—Moniez, 1896, 86, 123, 125–136, 137, fig. 25 (excellent discussion).—Mosler & Peiper, 1894, 177–178, fig. 70 (sinese).—Moty, 1893, March 3, 224–230 (pathology).—Nakahama, 1883, —.—Pfihl, 1884, 156.—Rail., 1890, 142, 143.—Remy, 1883, 513.—Schneidemuehl, 1896, 302.—Simon, 1897, 223.—Sons., 1889, 278, 279, 280; 1889, 7 July, —; 1896, 297, 302.—Staff., 1902, 483 to (*Opisth.*).—Stoss., 1892, 23 (syn. of *D. endemicum*).—Taylor, 1875, 772–780, figs. 1–3; 1884, 48–51, 52–53; 1885, 58–60.—Tyson, 1903, 3 ed., 1180.—Vallot, 1889, 382.—Ward, 1895, 238 (man, cat), 328 (in *Homo*); 1903, 869 (to *Opisth.*).—Weichselbaum, 1898, 315.—White, 1902, Dec., 523 (cases in U. S. A.).—Wood & Fitz, 1897, 335.
- sinese* Mosler & Peiper, 1894, 177–178, fig. 70 (for *sinense*).
- sineuse* of McConnell, 1876, 343 (misprint for *sinense*).
- singulare* Mol., 1859, 288 (in *Ibis falcinellus*); 1861, 200–201, pl. 2, fig. 6, pl. 3, fig. 3.—Braun, 1891d, 421; 1892a, 578, 700, 736, 737; 1901, 260; 1901, 896; 1902b, 86 (syn. of *Stomylotrema pictum* Crep.).—Dies., 1859c, 428 (in *Ibis falcinellus*; Patavii).—Looss, 1899b, 723 (type of *Stomylus*).—Stoss., 1892, 162.
- singulare* Mol. of Looss, 1899b, 723.—Braun, 1902b, 86 (renamed *Stomylotrema perpastum*).
- sinuatum* Rud., 1819a, 97–98, 374 (in *Ophidium imberbe*; Naples).—Braun, 1883a, 41; 1891d, 421; 1892a, 672, 763, 765.—Carus, 1884, 131.—Cobbold, 1860a, 25.—Dies., 1850a, 344 (in *Fierasfer imberbe*).—Duj., 1845a, 468.—Odh., 1901, 484, 490, 491; 1902, 160.—Par., 1902, 6 (in *Ophidium barbatum*; Portoferrajo).—Stoss., 1886, 55.—Will.-Suhm, 1870, 7–8; 1871, 181–182, pl. 11, fig. 6.—Also reported for *Fierasfer acus*.
- siredonis* Poir., 1886, 32–33, pl. 3, figs. 4–5 (in *Siredon mexicanus*, int.).—Looss, 1894a, 204, to *Opisthioglyphe*.—Mont., 1893, 83, 86, 102, 107.
- sirenis* Braun, 1893a, 870 for *sirenis lacertinae* Vaillant.
- sirenis lacertinae* Vaillant, 1863, 348–350, pl. 9, fig. 9 (in *Siren lacertina*).—Stoss., 1889, 69.
- sluiteri* (Brock, 1886) Braun, 1892a, 651.
- sobrinum* Levin., 1881a, 70–71 (in *Cottus scorpius*; Egedesminde).—Looss, 1899b, 581 (to *Stephanost.*).—Odh., 1905, 331 (to *Stephanochasmus*).—Also reported for *Aspidophorus decagonus*.
- soccus* Mol., 1858, 129 (in *Mustelus plebejus*; Patavii); 1861, 203.—Ariola, 1899, 7 (syn. of *D. megastomum*).—Braun, 1893a, 873.—Dies., 1858e, 351 (in *Mustelus plebejus*).—Jacoby, 1900, 17.—Linst., 1903, 354.—Mont., 1893, 53, 192, 193.—Stoss., 1883, 118; 1890, 131; 1898, 38.
- sociale* Luehe, 1901p, 171–173 (in *Bufo melanostictus* Schneider).—Braun, 1901h, 700.—Klein, 1905, 20, 78.—Odh., 1902, 42.
- solex* Duj., 1845a, 417–418 (in *Pleuronectes solea*; Rennes) to (*Brachylaimus*).—Dies., 1850a, 399.—Kroyer, 1838–40a, 612 (in *Solea vulgaris*).—Mont., 1893, 193.—Stoss., 1886, 55.—Wagener, 1860, 184.
- solexforme* Rud., 1809a, 384 (in *Trigla gurnardus*) (*D. triglae gurnardi* renamed); 1819a, 104.—Braun, 1893a, 873.—Cobbold, 1860a, 26.—Dies., 1850a, 362.—Duj., 1845a, 457.—Fraip., 1881b, 4 (in *Tr. gur.*).—Kroyer, 1838–40a, 100 (in *Tr. gur.*).—Olfers, 1816, 45.—Stoss., 1886, 55.

DISTOMA—Continued.

- soleare* Braun, 1899e, 629–630 (in *Testudo midas*); 1901b, 22–23, fig. 8.
- somaterix* Levin., 1881a, 71–73, pl. 3, fig. 2 (in *Somateria mollissima*; Egedes-minde).—Braun, 1892a, 578, 579, 586, 642, 735; 1893a, 893, 910.—Giard, 1903g, 1225.—Jägers., 1898, 15, 16; 1900, 738.—Jameson, 1902a, 140–166, 4 pls., 3 figs.—Linst., 1890, 179.—Looss, 1894a, 173; 1899b, 618, 619; 1901, 207.—Luehe, 1898, 624, 625; 1899, 537.—Mont., 1888a, 12, 38; 1893, 43, 61, 83.—Odhn., 1900, 12, 13; 1905, 311 (to *Gymnophallus*), 313.—Staff., 1905, Apr. 11, 692.—Stoss., 1892, 146.
- sophix* Stoss., 1886, 44–45, pl. 8, figs. 34–35 (in *Pagellus mormyrus*; Trieste); 1898, 49–50.—Braun, 1892a, 644, 720, 728.—Looss, 1899b, 571 (thinks this belongs to *Creadiinae*, possibly to *Creadium*); 1902m, 785 (cf. *D. isoporum armatum*).—Mont., 1893, 85, 94, 102.—Odhn., 1905, 328, 338.
- soricis* Dies., 1858e, 354 (in *Sorex araneus*) (based on *Distome* (*Dicrocoelium*) de la Musraigne-Musette Pontallié, 1853, 103).—Braun, 1893a, 875.—Cobbold, 1860a, 9.—Stoss., 1892, 36 (in *Crocidura aranea*).
- soricis aranei* Dies., 1855, 64, footnote 3, to (*Dicrocoelium*).
- spari* Rud., 1819a, 122 (in *Sparus erythrinus*, *S. smar*; C. E. V.).—Dies., 1850a, 399.—Stoss., 1886, 55 (in *Pagellus erythrinus*, *Smaris vulgaris*).
- spathaceum* Rud., 1819a, 109, 403 (in *Larus glaucus*; Mus. Vien.).—Baird, 1853a, 48.—Crep., 1837, 310; 1839, 287.—Dies., 1850a, 310 (to *Hemist.*).—Nitzsch, 1819, 400.—Nord., 1840, 628 (to *Holost.*).
- spathulatum* Leuck., 1876, 871–872 (nec Crep., 1849) see *Opisthorchis sinensis* (see also *D. spatulatum*) (in *Homo*); 1889, 336–355, figs. 154–161.—R. Bl., 1888a, 615 (syn. of *D. sinense*); 1901b, 209; 1901c, 586 (syn. of *Op. sin.*).—Brand., 1891b, 265; 1891c, 731; 1891d, 11.—Braun, 1883a, 65; 1892a, 598, 602, 641, 661, 669, 671, 682, 699, 700, 704, 707, 712, 714, 717, 719, 724, 725, 732, 733, 784, 785; 1893, 349; 1903, 3 ed., 161 (syn. of *Op. sin.*).—Cobbold, 1876, 97; 1883, 401.—Duffek, 1902a, 774.—Gamb., 1896, 63.—Hahn & Lefèvre, 1884a, 544 (syn. of *D. sinense* Cobb.).—Harz, 1881c, 5.—Huber, 1896a, 577–578.—Ijima, 1889b, 145.—Inoue, 1900a, 1–60, 18 charts; 1903, 107–146.—Jamieson, 1897b, 147 (*spatulatum*) (syn. of *D. sinense*).—Katsurada, 1891b, 1–12, 1 pl. (case of *cystoma hepatis*); 1898a, 165–167 (relation to gallstones); 1900b, 479–505, pl. 13, figs. 1–13; 1900c; 1901a, 169–174; 1902a, 50–52; 1904, v. 2 (3), 22; 1904, Dec., 148 (in cats and dogs).—Laspeyres, 1904a, 16 pp. (case).—Looss, 1894a, 180, 186, 206, 212, 214; 1899b, 564; 1905m, 280 (syn. of *Op. sin.*); 1905, 90 (syn. of *Op. sin.*); 1907, Feb. 1, 141 (syn. of *D. sinense*).—MacGregor, 1877, May 26, 775–776 (in *Homo*).—Mont., 1888a, 39, 52 (*spatulatum*), 57; 1891, 110; 1893, 83, 84, 86, 95, 102, 105, 106, 107.—Mosler & Peiper, 1894, 177.—Rail., 1890, 143.—Saito, 1898, June 5, —; 1906, Sept. 10, 133–138, figs. 1–10; 1906, Sept. 20, 1555.—Sons., 1889, 278 (*spatulatum*).—Vogt, 1878, 10, 14.—Ward, 1903, 870 (syn. of *Op. sin.*).—Yamagiwa, 1891, 5 March; 1901, xxx, 155–168, fig. 1.
- spathulatum* Rud. (nec Leuck.) of Crep., 1837, 310; 1839, 287; 1849, 66–67.—Braun, 1901b, 29.—Kowal., 1896d, (3), 253 (in *Botaurus minutus*; Dublany), to (*Echinost.*) for *spatulatum*; 1902d (9), 27 (to *Sodalis*).—Looss, 1902m, 462.
- spathulatum hepatis* Simmonds, 1901, 110–111.
- spatula* Duj., 1845a, 394 (in *Accentor modularis*; Rennes) to (*Dicrocoelium*).—Dies., 1850a, 336.—Stoss., 1892, 156.
- spatulatum* Rud., 1819a, 109, 403–404, 600 (in *Ardea minuta*; Vienn. Mus.).—Bremser, 1824c, pl. 9, figs. 15–16.—Crep., 1829b, 4.—Dies., 1850a, 367 (to *Holost.*).—Duj., 1845a, 376.—Harz, 1881c, 5.—Nitzsch, 1819, 400.—Nord., 1840, 628 (to *Holost.*).—Stoss., 1892, 186 (in *Ardetta minuta*; Vienna).—Also reported for *Botaurus minutus*.
- spatulatum* Cobbold, 1879b, 28 (for *spathulatum* Leuck.).—Aschoff, 1892, 495.—Askanazy, 1900c, 712.—Hoyle, 1890, 538.—Huber, 1896a, 277–278.—Jamieson, 1897b, 147.—Mont., 1888, 52.—Simon, 1897, 209, 223.—Stoss., 1892, 23 syn. of *D. endemicum* Bælz).—Ward, 1895, 328 (in *Homo*).
- spatulatum* (*endemicum*) Anders, 1903, 6 ed., 1245 (in man).
- species Barbagallo & Drago, 1903, 410 (in *Mugil cephalus*; Catania).
- species Barbagallo & Drago, 1903, 410 (in *Julis pavo*; Catania).
- species Barbagallo & Drago, 1903, 410 (in *Trachurus trachurus*; Catania).
- species Duncker, 1881d, 141; 1884a, 39–42, figs. 1–6.

DISTOMA—Continued.

- species Heymann, 1905, 96–98, figs. A. B.
 species Johnstone, 1907, 186–188, fig. 17 (in *Labrus mixtus*; Morecambe Bay).
 species Kellicott, 1894, 123–126.
 species Nicoll, 1907, 70, 92 (in *Cottus scorpius* Bloch).
 species Nicoll, 1907, 71, 91–92, pl. 3, fig. 12, pl. 4, fig. 13 (in *Cottus bubalis*).
 species Nicoll, 1907, 71, 92 (in *Gobius ruthensparri*).
 species Nicoll, 1907, 72 (in *Pleuronectes microcephalus*).
 species Sons., 1890, 105, t. h. *Python molurus*.
sphaerostomum Schlotthauber, 1860, 130 (in *Corvus caryocatactes*).
sphaerula Looss, 1896b, 81–86, pl. 6, figs. 59–60 (in *Rhinolophus hippocrepis* Bonap.; Ghizeh); 1898, 454, 456, 457, figs. I, VI; 1899b, 547.—Stiles, 1901, 200.
spiculator Duj., 1845a, 424–425 (in *Mus decumanus*; Rennes) to (Echinost.).—Braun, 1901e, 340.—Cobbold, 1879b, 316.—Dies., 1850a, 382.—Erc., 1881e, 15; 1882a, 251.—Linst., 1886, 128–131, pl. 9, figs. 28–29; 1890, 184.—Stoss., 1892, 28 (to Echinost.).
spiculigerum Mueh., 1898, 18–19 (in *Fuligula nyroca*); 1898, 4, 26, 97–100, fig. 18.—Braun, 1902b, 11, 15 (to *Psilost.*), 16 (syn. of *D. oligoon*), 18, 155.—Looss, 1899b, to *Psilost.*
spiniceps Looss, 1896b, 114–118, pl. 8, figs. 79–80 (in *Bagrus bayad*; Cairo); 1899b, 578, 581 (type of *Acanthost.*).—Braun, 1899, 630; 1901b, 34.
spinosum Linst., 1880, 51 (in *Sylvia rufa*).—Braun, 1892a, 696, 733.—Looss, 1894a, 175.—Luehe, 1899, 531 (thinks this is perhaps *D. cirratum*).—Stoss., 1892, 162.
spinulosum Rud., 1808a, 458; 1809a, 425 (in *Larus cinerarius*, *L. naevius*, *Colymbus septentrionalis*; Greifswald, July, August) to (Echinost.); 1819a, 116 (in *Colymbus cristatus*; Mus. Vien.), 419.—Baird, 1853a, 56.—Bellingham, 1844a, 426.—Braun, 1892a, 575; 1893a, 879.—Crep., 1837, 316; 1846, 141, 144, 146.—Dies., 1850a, 392; 1858e, 350, 351 (in *Numenius arquatus*; *Anas clangula*; *Larus capistranus*; *L. ridibundus*; *Podiceps cristatus*).—Duj., 1845a, 430.—Linst., 1877, 183, pl. 13, fig. 14.—Mol., 1858, 130–131; 1861, 220–221, pl. 3, fig. 6, pl. 4, fig. 2.—Mueller, 1897, 20–21, pl. 3, fig. 4.—Nord., 1832a, 90, 102.—Olfers, 1816, 47.—Stoss., 1892, 64 (in *Larus ridibundus*; Trieste); 1892, 169 (to Echinost.).—Reported for *Anas boschas fera*, *A. marila*, *A. querquedula*, *Carbo graculus*, *Ceryle rudis*, *Colymbus cristatus*, *C. septentrionalis*, *Halieus graculus*, *Uria grylle*).
spinulosum Hofmann, 1899a, 184, 193, 201.—Braun, 1899, 492 (in *Erinaceus europæus*) to Harmost.; 1900, 12; 1901e, 338 to Harmost., 341.—Looss, 1899b, 689.
 “*spinulosum*” of Mol., 1861, pl. 4, fig. 2 (is not *E. spinulosum*, see Looss 1899b, 689, but perhaps a *Stephanost.*).
spirale (Dies., 1850) Brand., 1892, 507.—Braun, 1899, 631–632; 1901b, 54.—Stoss., 1895, 232 (in *Peltecephalus tracaxa*, *Testudo tabulata*, *Hypsilopus tuberculatus*).
spirale Fil., see Par., 1896, 2 (in *Dentex vulgaris*).
squamata Kerbert, 1881a, 556 (in *Rana temporaria*) for *squamula*.
squamosum (Villot, 1878) Brand., 1890a, 577.—Braun, 1892a, 569, 735.
squamula Rud., 1819a, 103, 391 (in *Mustela putorius*; Mus. Vien.).—Baird, 1853a, 52.—Brand., 1892, 506.—Braun, 1890a, 439; 1892a, 567, 568, 571, 628, 636, 637, 638, 640, 641, 642, 647, 648, 655, 678; 1893a, 866, 871, 880.—Bremer, 1824, pl. 9, figs. 9–10.—Crep., 1837, 326; 1839, 288.—Dies., 1850a, 321 (to Monost.). (in *Mustela putorius*; Toulouse).—Duj., 1845a, 406, type of *Eury-soma*.—Fraip., 1880a, 398; 1880b, 106; 1880c, 419, 420–429, 430, 432, 433, 441, 442, 443, pl. 18, figs. 1–17 (in *Rana temporaria*, larva; *Mustela putorius*, adult); 1881b, 1, 3, 4, 14; 1883a, xxxvii.—Gamb., 1896, 72.—Jackson, 1888, 645.—Kampmann, 1894b, 446, 448.—Levin., 1881a, 75.—Linst., 1873, 99.—Looss, 1885b, 20.—Maddox, (1867a), 87–99 (in *Morrhua æglefinus*).—Mont., 1888a, 7, 41, 43, 45; 1893, 62.—Poir., 1885, 102.—Stiles & Hass., 1898a, 88, 98 (type of *Eury-soma*).—Stoss., 1892, 20 (in *Putorius putorius*; *Putorius vulgaris*; Vienna, Tolosa).—Zeller, 1867, 21 Mar., 213–220, pl. 13, figs. 1–4 (in grass frog).—Also reported for *Fœtorius putorius*.

DISTOMA—Continued.

- sternæ cantiacæ* Dies., 1858e, 355 (in *Sterna cantiaca*), based on LaValette, 9, 37, pl. 1, figs. 15, 1. 2., and Moul., 1856, 102.—Stoss., 1892, 186.
- stossichii* (Mont., 1891) Braun, 1891d, 423 (= *D. ocreatum* Mont.) (in *Clupea pilchardus*); 1893a, 911.
- stridulæ* Reich, 1801, 371–386 (in *Strix stridula*).—Brand., 1888a, 9.—Dies., 1850a, 386.—Pulteney, —, 371.—Rud., 1809a, 423 (renamed *D. apiculatum*).
- sturionis* Rud., 1809a, 435 (in *Acipenser sturio*; Arimini); 1819a, 118 (syn. of *D. hispidum*).—Baird, 1853a, 57.—Dies., 1850a, 392 (syn. of *D. hispidum*).
- subclavatum* (Göze, 1782) Zed., 1800a, 164 (in *Rana*), 185–188.—Ben., 1858a, 1861a, 81, 82 (to *Amphist.*).—Brand., 1888a, 9.—Dies., 1850a, 318 (to *Diplo-discus*).—Rud., 1809a, 348.
- subflavum* Sons., 1892, 91–92 (in *Zamenis viridiflavus* Lacep.); 1893, 184.—Braun., 1893b, 185 (in *Z. virid.*).—Stoss., 1895, 216 (in *Z. virid.*; Pisa).—Volz, 1899, 235, 237.
- subtriquetrum* Nord., 1840, 616 [the sequence of names is *D. amphist.*, *D. subtriquetrum*, apparently a lapsus for *Amphist. subtriquetrum*].
- sulcatum* Linst., 1883, 309, pl. 9, fig. 51 (in *Perdix græca*; Turkestan); 1886, 33.—Braun, 1901, 941; 1902b, 119.—Stoss., 1892, 145 (to *Cladocœlium*).
- suspensum* Braun, 1901g, 948 (in *Corvus* sp.); 1902b, 11, 147.
- sygnoides* Nord., 1840, 617 for *D. cygnoides*.
- tacapense* Sons., 1894, 111–112; 1894, 2–6, 7 (in *Ch. vulg.*, *Rana esculenta*, *Bufo* sp.; Gabes in Tunis) to (*Brachyœlium*); 1895, 124 (in *Chamæleo vulgaris*).—Looss, 1896b, 86–97, pl. 6, figs. 61–62, pl. 7, fig. 63 (in *caméléon*; Alexandria); 1898a, 460, 461, fig. 2; 1899b, 616, 617, 622 (syn. of *D. medians* Olss., based on reexamination of original slides).—Stoss., 1895, 215 (in *Ch. vulg.*; Tunisia).
- talpæ* Viborg, 1795, 242.—Rud., 1809a, 331, 390.
- tarda* Steenstrup, 1842, 75–76, pl. 3, figs. 1–6 (*Cerc. armata* Sieb., renamed) [name not mentioned in text].—Dies., 1850a, 298 (p. 138 of Steenstrup as syn. of *Cerc. armata*), 418 (p. 138, pl. 3, fig. 5e–g of Steenstrup as ? syn. of *Hepstat. hirudinum*); 1855a, 381, 388 (syn. of *Cerc. (Xiphidioc.) armata*); 1858e, 366 (of 1850a, 418, syn. of *Tetracotyle typica*, new name).—Erc., 1881e, 21, 48, pl. 2, fig. 6; 1882a, 257, 284.—Fil., 1854a, 10, 15, 22.—Moul., 1856a, 150, 151, 201, 215, 226, 227, 230 (in *Lymnæus stagnalis*, *Planorbis corneus*).
- tartini* Stoss., 1899, 6, pl. 1, fig. 13 (in *Oblata melanura*; Triest).
- tectum* Linst., 1873, 104, pl. 5, fig. 4 (in *Osmerus eperlanus*).—Odhn., 1905, 352, 353 (= *crenata* 1802, type of *Brachyphallus*).—Stoss., 1886, 55.
- tenere* Looss, 1898, 461 (“*D. tacapense* Sons,” of Looss, 1896, 86, misdetermined) to *Pleurogenes*.
- tenerum* Looss, 1899b, 616 to (*Pleurogenes*), 622.
- tenue* Lint., 1898c, 535–536, pl. 52, figs. 2–8 (in *Roccus lineatus*); 1900, 294; 1901, 415, 455, 468, 469, 479; 1905, 328, 334, 365, 370, 373, 374, 376, 379, 386, 391, 396, 399 (in *Caranx hippos*, *Centropristes striatus*, *Coryphæna equisetis*, *C. hippurus*, *Cynoscion nebulosus*, *Menticirrhus americanus*, *Micropogon undulatus*, *Orthopristis chrysopterus*, *Pomatomus saltatrix*, *Sciænops ocellatus*).—Odhn., 1905, 331.
- tenue tenuissime* Lint., 1898c, 536–537, pl. 52, figs. 9–12 (in *Morone americana*); 1901, 415, 421, 456 (in *Roccus lineatus*, *Opsanus tau*).—Vaullegeard, 1901, 146.
- tenuicollæ* Rud., 1819a, 93, 365–366 (in *Phoca barbata*, liver).—Braun, 1893, 353; 1893a, 875; 1893f, 426, fig. 4; 1901e, 314–315, 338; 1903, 3. ed., 157 (of Mueh., 1896, p. p., syn. of *Opisthorchis felineus*).—Cobbold, 1860a, 6–7; 1879b, 313.—Dies., 1850a, 336–337.—Duj., 1845a, 440, 444.—Jägers., 1898, 6.—Looss, 1899b, 530, 674.—Mueh., 1896, 589 (*D. felineum* as syn.); 1896, 257–262, figs. 4, 11; 1898, 16, 24, 87, 88, 89, 90, 95.—Odhn., 1905, 347 (Rud. of Olss.).—Olss., 1893, 9.—Stiles & Hass., 1894e, 428.—Stoss., 1892, 18–19 (in *Phoca barbata*).—Ward, 1903, 869 (syn. *Op. fel.*).—Reported for *Erignathus barbatus*, *Delphinus phocæna*, *Felis domestica*, *Halichærus grypus*, *Phocæna phocæna*.
- tenuissime* (Lint., 1898) Vaullegeard, 1901, 145 (= *D. tenue tenuissime*).
- tereticollæ* (Rud., 1802) Rud., 1809a, 379–381, 405 (in *Esox lucius*, *Perca lucioperca*, *Salmo trutta*); 1819a, 102, 122, 386, pl. 2, fig. 5, 600.—Ben., 1852, 24–29, 33, pl. 2, figs. 1–3; 1858a, 1861a, 98, 104, 174, 177, 178, 186, 189, 193, 206, pl. 8,

DISTOMA—Continued.

- figs. 1-17 (syns. *D. rosaceum*, *D. lucii*, Fasc. longicollis, F. lucii, Plan. lucii); 1870c, 140, 141, 142.—Bettend., 1897a, 31; 1897, 335.—R. Bl., 1888a, 544, 545, 547.—Brand., 1888a, 41; 1890a, 570.—Braun, 1883a, 70; 1892a, 568, 574, 575, 644, 653, 727, 745, 747, 757, 761, 763, 768, 778, 779, 780, 781, 782, 784, 786, 787, 788, 789; 1893a, 872, 873, 879, 883, 911; 1901b, 33; 1901e, 314, 315, 338.—Bremser, 1824c, pl. 9, figs. 5-6.—Cobbald, 1860a, 21.—Crep., 1837, 310, 311, 313, 314, 316, 317, 318, 321, 322, 323, 325.—Creutzberg, 1890a, 21.—Dies., 1850a, 358 (syns. *D. luzii*, *D. truncatum* Abildg., F. longicollis, F. lucii, Plan. lucii); 1858d, 272 (larva ? *Rhopalocerca tardigrada*); 1858e, 340 (in *Esox estor*); 1859c, 429.—Duj., 1845a, 419-420.—Fil., 1855b, 24, 25; 1857c, 29.—Fischer, 1840, 158.—Fraip., 1880c, 417, 443.—Harz, 1881c, 5 (syn. of *D. lucii* Zed.).—Hausmann, 1897b, 4, 6, 14, 15, 17, 20, 21, 22 (in *Esox lucius*, *Thymallus vulgaris*).—Jackson, 1888, 649.—Johnston, 1902, 329.—Jurine, —, 489.—Kowal., 1894, 2; 1894, 220; 1895, 372-390, pl. 8, fig. 10.—Kølliker, 1843, 99-101, 130, 135, 137.—Kroyer, 1838-40a, 41, 615; 1843-45a, 644; 1846-53a, 253 (in *Esox lucius*, *Lucioperca sandra*, *Salmo fario*, *S. trutta*).—Kuech., 1855, 187.—Lander, 1904a, 19.—Leidy, 1851b, 206; 1856b, 44; 1904a, 48, 87 (terreticolle).—Leuck., 1863a, 457, 459, 460, 485, 490, figs. 147, 148, 159.—Looss, 1893b, 813, 815; 1894a, 2, 5-18, 20, 22, 25, 28, 29, 31, 109, 113, 115, 116, 117, 118, 120, 124, 125, 136, 137, 142, 144, 147, 148, 149, 150, 151, 152, 153, 154, 159, 165, 166, 167, 176, 179, 181, 184, 185, 187, 188, 189, 197, 200, 202, 205, 206, 212, 215, 219, 241, 245, 270, 272, 275, 276, pl. 1, figs. 1-3, pl. 3, figs. 53-63, pl. 4, figs. 64-71, 74, pl. 6, fig. 121 (syns. *D. lucii*, *D. rosaceum*, Fasc. lucii, Plan. lucii) (in *Esox lucius*, *Lota vulgaris*, *Lucioperca sandra*, *Salmo fario*, *S. lueho*, *S. alpinus*, *S. trutta*, *S. umbla*, *Trutta variabilis*); 1894, 17; 1896b, 109; 1899b, 548, 549, 570; 1902m, 456, 457.—McIntosh, 1864, 150.—Mont., 1888a, 25, 27, 32, 43, 68, 69, 72; 1892, Oct. 7, 185, 187, 191; 1893, 16, 60, 115; 1896, 152, 153.—Moul., 1856a, 25, 31, 32, 49.—Mueh., 1898, 30.—Nord., 1840, 617, 619, (syn. of Fasc. longicollis Bloch).—Ofenheim, 1900, 152.—Olfers, 1816, 45.—Olss., 1876, 18; 1893, 11.—Poir., 1885, 102.—Schauinsland, 1882, 494, 496, 497.—Sieb., 1835, 59, 66, 82; 1836, 233, 237.—Sons., 1891, 264 (in *Esox lucius*).—Sramek, 1901, 96, 105, figs. 58-59 (syns. Fasc. lucii Mueller, F. longicollis Bloch, F. teret. Rud., Plan. lucii Goëze, D. lucii Zed.).—Stoss., 1886, 25; 1890, 50; 1891, 216; 1898, 38; 1904, 199.—Tennent, 1906, 670.—Wagener, 1857, 25, 28, 45, pl. 20, figs. 1-5 (in *Esox lucius*).—Wolf, 1903, 610.—Also reported for *Esox reticulatus*.
- tereticolle* lucii Mayer, 1841a, 18.
- tereticolle rosaceum* (Nord., 1832) Dies., 1850a, 364.
- tereticollis* Blainv., 1828a, 585 (for Fasc. tereticollis Rud.).
- teretiusculum* Mont., 1893, 40, 41, 42, 43, 82, 83, 94, 96, 98, 102, 118, 193, pl. 1, fig. 4; pl. 6, fig. 66 (in *Solea klenii*).—Jacoby, 1900, 4.
- tergestinum* Stoss., 1889, 28, pl. 13, fig. 57 (in *Oblata melanura*; Trieste); 1898, 44.—Braun, 1892a, 579.—Mont., 1893, 84, 86, 95.
- terreticolle* Leidy, 1904a, 48, 87, for tereticolle.
- testudinis* Rud., 1819a, 121 (in *Testudo orbicularis*; C. E. V.).—Braun, 1899, 630.—Dies., 1850a, 325 (syn. of *Monost. delicatulum*).—Duj., 1845a, 451.—Stoss., 1895, 232 (in *Emys orbicularis*; Vienna).
- testudinis mydæ* Braun, 1899, 629 (for mydæ).
- testudinis mydæ* Rud., 1809a, 433, for *D. intestinalis testudinis mydæ*.—Braun, 1899, 629 (mydæ).
- tetracystis* Gastaldi, 1854, 4-5, pl. 1, figs. 1-3 (in *Rana esculenta*).—Braun, 1893a, 871.—Cobbald, 1860a, 17.—Dies., 1855, 390; 1858d, 253 (larva=Cerc. (*Acanthocephala*) microcotyla); 1858e, 348 (stat. juven. in *Pelophylax esculentus*; larva in *Paludina achatina*; P. vivipara).—Fil., —, 30, pl. 1, fig. 9.—Linst., 1873, 1 (larva=Cerc. microcotyla Fil.).—Staff., 1900, 405, 410-412.—Stoss., 1889, 68 (in *Rana esculenta*; Torino).—Also reported for *Rana catesbiana*.
- tetracystis ranæ esculentæ* Dies., 1855, 64, footnote 9. See tetracystis.
- texanicum* Francis, 1891c, 135-136, pls. 3-8, 5 figs. (in *Bos taurus*; Texas); 1892, 426.—Huber, 1896a, 576 (syn. of *D. magnum*).—Leuck., 1892b, 797, 798 (texticanum).—Stiles, 1892e, 148; 1892g, 732-733; 1898a, 51.—Ward, 1895, 253 (syn. of Fasc. magna), 332 (in *Bos taurus*), 335 (in *Ovis aries*), 338 (in *Equus caballus*); 1903, 866 (syn. of Fasc. magna).

DISTOMA—Continued.

- texicanum* Leuck., 1892b, 797, 798 (for *texanicum*).
tinæ (Modeer, 1790) Rud., 1809a, 366.
tobiani Krøyer, 1846-53a, 592 (in *Ammodytes tobianus*).
todari delle Chiaje, 1841, 139.
tornatum Rud., 1819a, 684-685 (in *Coryphæna equiselis*; *C. hippuris*).—Braun, 1893a, 872.—Buttel-Reepen, 1902, 167, pl. 6, fig. 8.—Cobbold, 1860a, 28 (in *Megalops cyprinoides*); 1879b, 458, 461.—Cohn, 1902k, 47.—Dies., 1850a, 372-373 (syns. *F. caudata*, *F. coryphænæ*, *F. coryphænæ hippuridis*, *D. coryphænæ*); 1859c, 431.—Duj., 1845a, 421-422.—Johnston, 1901, 337.—Lint., 1898c, 513-514, pl. 42, figs. 6-12; 1901, 415, 418, 442, 444, 452, 455, 469, fig. 310 (in *Coryphæna hippurus*, *Fundulus heteroclitus*, *Menidia notata*, *Roccus lineatus*); 1905, 328, 334, 355, 356, 372, 374, 398, 399, figs. 156-158 (in *Coryphæna equisetis*, *C. hippurus*, *Menticirrhus americanus*, *Synodus foetens*, *Tylosurus marinus*).—Looss, 1896b, 125 to (*Apoblema*); 1899b, 640.—Mont., 1891, 497.—Stoss., 1886, 12.—Wagener, 1860, 166, 176-178, 181, pl. 9, figs. 1-5 (in *Coryphæna* sp.).
torosum (Setti, 1897) Linst., 1903, 354.
torulosum Rud., 1814a, 104-105 (in *Silurus glanis*); 1819a, 111 (in *S. glanis*; Greifswald, October), 410.—Cobbold, 1860a, 28.—Dies., 1850a, 375.—Duj., 1845a, 464.—Kroyer, 1846-53a, 137 (in *S. gl.*).—Olfers, 1816, 46.—Stoss., 1886, 56.
totari E. Bl., 1847a, 309, for *todari*.
trachea (Montagu, 1811) Rud., 1819a, 114 (in *Phasianus gallus*; *Gryphiæ*), 798 (sub *D. lineare*).
transversale (Rud., 1802) Rud., 1809a, 361-362 (in *Cobitis fossilis*); 1819a, 95, 368.—Braun, 1893a, 873.—Cobbold, 1860a, 22 (in *Acanthopsis* (*Cobitis*) *fossilis*, *Cobitis pæmiae*).—Dies., 1850a, 339.—Duj., 1845a, 463-464.—Kroyer, 1846-53a, 563, 573 (in *Cob. fos.*, *Botia tænia*).—Odhn., 1901, 484, 505.—Pavesi, 1881, 616.—Stiles & Hass., 1898a, 95.—Stoss., 1886, 56.
trapezium Leidy, 1891a, 414 (in *Pandion carolinensis*); 1904a, 235.—Stiles & Hass., 1894e, 414.
triangulæ Linst., 1878, 72, for *triangulare*.
triangulare Dies., 1850a, 351 (in *Merops apiaster*) (syn. *D. meropis*).—Braun, 1901, 561, 568; 1902b, 51, 52, 53, 93 (to *Plagiorchis*).—Cobbold, 1860a, 13.—Linst., 1878, 92 (*triangulæ*).—Looss, 1899b, 531, 631, 725 (type of *Megacetes*); 1900, 602 (type of *Eumegacetes*).—Stoss., 1892, 186; 1904, 2.
tricolor Stiles & Hass., 1894h, 160-162, fig. 2; 1895a, 729-737, pls. 1-2, figs. 1-8 (in *Lepus sylvaticus*, *L. americanus*; Maryland); 1895c, 700-701.
trifolium Braun, 1901g, 947 (in *Ardea cocoi*; Brazil); 1902b, 150-151, figs. 92, 93.
trigonocephalum Kampmann, 1894b, 454, 457, misprint for *trigonocephalum*.
triglæ Rud., 1819a, 122 (in *Trigla cuculus*; *C. E. V.*).—Dies., 1850a, 399.
triglæ gurnardi Rathke, 1799, 68, 146, fig. 2a-c (in *Trigla gurnardus*).—Dies., 1850a, 362.—Rud., 1809a, 384 (syn. of *D. soleæforme*).
triglæ pini Dies., 1855, 64; 1858e, 343 (renamed *D. homœostomum*), based on Bellingham, 1844, 428.
trigonocephalum (Rud., 1802) Rud., 1809a, 415-418 (in *Ursus melis*, *Erinaceus europæus*, *Mustela putorius*, *M. vulgaris*) (includes *Plan. putorii*; *P. melis*; *Fasc. putorii*; *F. melis*; *Dist. melis*; *F. armata*; *D. armatum*); 1810a, 376; 1819a, 114.—Baird, 1853a, 55.—Bellingham, 1844a, 425.—Blainv., 1824a, 512 (type of *festucaire*).—Brand., 1891b, 265; 1891d, 16.—Braun, 1891, 100; 1892a, 618, 754, 784, 785, 786, 787, 797; 1893a, 866, 879, 911.—Cobbold, 1879b, 295, 298 (in *Erinaceus europæus*, *Mustela vulgaris*), 299.—Crep., 1837, 310, 311, 317, 326; 1845, 327, 337, 349b.—Dies., 1850a, 381-382 (syns. *D. armatum*; *Fasc. armata*; *F. melis*; *F. putorii*; *Plan. melis*; *P. putorii*); 1858d, 267 (larva=*Histrionella ephemera* Ehrenberg); 1858e, 344 (in *Erinaceus europæus*; *Mustela putorius*).—Duj., 1845a, 423.—Fil., 1855b, 24.—Gamb., 1896, 72.—Giebel, 1857, 265.—Kampmann, 1894b, 454, 457 (*trigonocephalum*).—Kowal., 1896d, (3) 253 (in *Putorius foetidus*; Dublany).—Leuck., 1863a, 460, 471.—Linst., 1873, 101, 106 (larva=*Cerc. echinatus* Fil.) in *Foetorius putorius*; 1879, 185, pl. 12, fig. 31.—Looss, 1885b, 13, 18, 21, 37, 38, 50, pl. 23, figs. 6, 17; 1894a, 227; 1902m, 804, 805.—Mol., 1858, 129-130;

DISTOMA—Continued.

- 1859, 825, 846 (in *Erinaceus europæus*; Padua); 1861, 213–216, pl. 3, fig. 2.—Mont., 1888a, 40, 44, 65; 1893, 75, 77.—Nord., 1840, 621 (to Fasc.).—Ölfers, 1816, 46.—Rail., 1893a, 365.—Schuberg, 1895, 178.—Sieb., 1854, 23.—Sons., 1893, —.—Stoss., 1890, 51; 1892, 29–30 (to *Echinost.*).—Wagener, 1857, 24, 42.—Reported for *Canis vulpes*; *Felis catus domesticus*; *Fœtorius lutreola*; *F. putorius*; *F. vulgaris*; *Lutra vulgaris*; *Meles europæus*; *Meles taxus*; *Mustela foina*; *Mustela martes*; *M. putorii*; *M. vulgaris*; *Plecotus communis*; *Putorius vulgaris*; *Ursus meles*; *Paludina vivipara*.
- trilobum* Rud., 1819a, 104–105, 392 (in *Pelecus carbo*; Mus. Vien.).—Dies., 1850a, 310 (to Hemist.).—Duj., 1845a, 449.
- tringæ helveticæ* Rud., 1819a, 120 (in *Tringa helvetica*; C. E. V.).—Dies., 1850a, 386 (syn. of *D. cinctum*).—Duj., 1845a, 447.—Stoss., 1892, 187 (in *Tr. helv.*; Vienna).
- truncatum* Perroncito, 1882, 284, for *D. truncatum* [Erc.].
- truncatum* (Abildg., 1806) Rud., 1814a, 105–106; 1819a, 122 (in *Perca lucioperca*).—Dies., 1850a, 358 (?syn. of *D. tereticolle*).—Kroyer, 1838–40a, 41, 579 (“of Leuck.” in *Lucioperca sandra* Cuv.).—Nord, 1832a, 88.
- truncatum* (Rud., 1819) Rail., 1886, 296–297; 1893a, 364 (syns. *Dist. conus* Crep., 1825, [not Gurlt, 1831]) to (*Brachylaimus*).—Askanazy, 1901, 72.—Braun, 1893e, 349, 350, 352, 353, 354; 1893f, 384, 385, 387, 389, 390, 392, 424, 425, 427 (syns. *D. conus* Crep., *D. campanulatum* Erc.); 1893g, 802, 803 (syn. *D. campanulatum* Erc., 1875); 1894g, 129; 1894i, 606.—de Jong, 1896a, 2, 3, 4, 5, 6, 7, fig. 3; 1897a, 245–246.—Kholodk., 1898, 29.—Looss, 1896b, 97; 1899b, 565 to (*Metorchis*).—Moniez, 1896, 137 to (*Dicrocoelium*), 139 (=conus Crep.), 140, 141.—Mueh., 1898, 15, 24, 25.—Neumann, 1892, 529; 1892, 544.—Pease, 1898, 82.—Perroncito, 1886, 250.—Ratz, 1898, 68; 1900, 141 (in cat).—Stiles & Hass., 1894e, 421–434, pl. 3, figs. 11–12, to (*Dicrocoelium*) (in *Phoca vitulina*, *Felis catus dom.*, *Canis fam.*, *C. vulpes*, *Halichoerus foetidus*, *Gulo borealis*; Germany, Holland, Italy, France) (syns. *D. conus* Crep.; *D. lanceolatum* of Mehlis, of Dies., 332; *D. campanulatum* Erc.).—Ward, 1895, 243 (in part, syn. of *D. felineum* Riv.), 341 (in *Canis fam.*).—Zwaardemaker, 1890, 197–203, pl. 3.
- truncatum* Erc., 1859a, 382 (in *Canis familiaris*).—Braun, 1893a, 875; 1893e, 349 (“*Ercolani* 1846”), 351; 1893f, 386, 424 (“*Ercolani* 1846, in dog; Bologna), 425, syn. of *D. truncatum* (Rud.).—de Jong, 1887a, 57; 1896a, 6, 7, 11, figs. 1a, 1b.—Leuck., 1889, 357.—Perroncito, 1882, 284 (*truncatum*) in dog.—Sons., 1889, 276, 277, 280; 1889, 281 (syn. of *D. conus* Crep.).—Stoss., 1892, 25 (syn. of *D. conus* Crep.).
- truncatum* Leuck., 1842, 34–35, pl. 1, fig. 8a–b (in *Sorex fodiens*).—Braun, 1893a, 876; 1893d, 467; 1901e, 342.—Cobbold, 1860a, 8; 1879b, 296.—Dies., 1850a, 374 (in *Sorex daubentonii*).—Duj., 1845a, 438 (in *S. fodiens*).—Sons., 1889, 276 (in *S. fod.*).—Stoss., 1892, 36–37 (in *Crossopus fodiens*).
- trutta* Dies., 1858e, 356 (in *Salmo trutta*), refers to Moul., 1856, 217.—Braun, 1893a, 871.
- tubarium* Rud., 1819a, 111–112, 410 (in *Sciæna umbra*; Spezia, August).—Carus, 1884, 125.—Cobbold, 1860a, 28.—Dies., 1850a, 375.—Duj., 1845a, 457.—Stoss., 1886, 56 (in *Umbrina vulgaris*).
- tubiporum* Braun, 1900, 388–389 (in *Vespertilio* sp.); 1900, 232–233, pl. 10, figs. 8, 9.
- tubulatum* Rud., 1819a, 675–676 (in *Muræna* sp.; Brazil).—Cobbold, 1860a, 22.—Dies., 1850a, 337.—Duj., 1845a, 468.—Stoss., 1886, 56.
- tumidulum* Rud., 1819a, 95, 369 (in *Syngnathus hippocampus*; Vienna).—Bellingham, 1844a, 423.—Ben., 1870, 89, pl. 5, fig. 5.—Carus, 1884, 129.—Cobbold, 1860a, 22.—Dies., 1850a, 339–340; 1858e, 333 (in *Syngnathus acus*; Ireland).—Duj., 1845a, 469.—Kroyer, 1846–53a, 704 (in *Siphost. acus* L.).—Odhn., 1901, 484, 503.—Pag., 1862, 305.—Stoss., 1886, 56 (in *Hippocampus guttatus*, *Syngnathus acus*).
- turdæ* Rud., 1819a, 120 (in *Turdus saxatilis*; C. E. V.).—Dies., 1850a, 361 (syn. of *D. mesostomum*), 391 (syn. of *D. nephrocephalum*).
- turgidum* Brand., 1888, 247–251, pl. 17, figs. 2–3 (in *Rana esculenta*).—Braun, 1892a, 568, 578, 579, 584, 700, 720, 721, 727, 737; 1893a, 877, 881, 893; 1895b, 11; 1900h, 6.—Galli-Valerio, 1898n, 373.—Kowal., 1894, 3.—Looss, 1892, 101; 1894a, 1, 173; 1899b, 623, 775 (type of *Brandesia*).—Mont., 1893, 84, 85.—Mueh., 1898, v. 1 (1), 23, 30, 102–105, 114, fig. 21, 28.

DISTOMA—Continued.

- tursionis* Marchi, 1873, 304, pl. 5, fig. b (in *Delphinus tursio*).—Carus, 1884, 125.—Linst., 1886, 125.—Par., 1896, 1-3 (syn. of *D. (Dicrocoelium) longissimum* Poir.).—Poir., 1886, 30.—Stoss., 1892, 37 (in *Del. tur.*).
- umbla* (Fabricius, 1780) Zed., 1803a, 212.—Dies., 1850a, 343 (syn. of *D. seriale*) (in *Salmo umbla*; Greenland; kidneys).—Rud., 1809a, 369.
- umbrinae* Stoss., 1885, 159, pl. 4, fig. 18 (in *Umbrina cirrhosa*; Trieste); 1886, 26; 1887, 91; 1898, 36-37.—Barbagallo & Drago, 1903, 410 (in *Umbrina cirrhosa*; Catania).—Braun, 1892a, 728, 737.—Lint., 1900, 290.—Luehe, 1900, 487.—Mont., 1893, 94.
- uncinatum* Zed., 1803a, 221 (in *Fulica chloropus*).—Ben., 1858a, 1861a, 85.—Braun, 1891, 101; 1893a, 874.—Crep., 1837, 316.—Dies., 1850a, 384 (syns. *D. chloropodis*, Fasc. *crenata*) (in *Gallinula chloropus*).—Duj., 1845a, 428.—Mueller, 1897, 22-23, pl. 3, fig. 6.—Olfers, 1816, 46.—Rud., 1809a, 420-421 to (*Echinost.*); 1814a, 102; 1819a, 115, 417-418.—Sieb., 1854, 23.—Stoss., 1892, 172 (syn. of *Echinost. cinctum*); 1898, 53.—Also reported for *Ascolopax gallinago*.
- unicum* Looss, 1896b, 44-49, pl. 3, figs. 20-24 (in *Trionyx nilotica*; Cairo, Egypt); 1898, 461 (renamed *D. reniferum* Looss); 1899b, 590 (= *renifera*, type of *Astia*).—Luehe, 1899, 531.
- unicum* Mol., 1859, 835-837, pl. 3, fig. 1 (in *Centrolophus pompilius*; Padua).—Braun, 1893a, 910.—Carus, 1884, 124.—Luehe, 1900, 488, 492.—Stoss., 1886, 17.
- urcatum* Luehe, 1900, 489 (for *D. furcatum*).
- vagans* Leidy, 1850, 304-309, pl. 43, figs. 2-16 (in *Helix alternata*, *H. albolabris*) (*D. helices* Leidy, 1847, renamed); 1857, 44 (syns. *D. helices* Leidy; *D. pericardium* Crep.; *Cercariaeum helices alternatae* Dies.; *C. vagans* Dies.).—Ben., 1858a, 1861a, 175, 186, 205.—Dies., 1855a, 398, (to *Cercariaeum*); 1858d, 278 (to *Cercariaeum*).—Fraip., 1880c, 417.—Mont., 1888a, 40.
- valdeinflatum* Stoss., 1883, 114, pl. 1, fig. 4 (in *Gobius jazo*; Trieste); 1886, 35.—Braun, 1893a, 871.—Carus, 1884, 127.—Lint., 1898c, 527-528, pl. 47, figs. 10-14, pl. 48, figs. 1-2; 1901, 416 (in *Alutera schoepfii*, *Menidia notata*, *Spheroides maculatus*), 421, 444, 464; 1905, 328, 334, 359, 366, 372, 379, 386, 393, 396, 400, 401, 409, 414 (in *Cynoscion nebulosus*, *Leiostomus xanthurus*, *Menticirrhus americanus*, *Micropogon undulatus*, *Monacanthus hispidus*, *Opsanus tau*, *Orthopristis chrysopterus*, *Paralichthys albiguttus*, *Rachycentron canadus*, *Siphostoma fuscum*; *Trachinotus carolinus*).—Linst., 1903, 354 (syn. of *D. cesticillus* Mol.).—Looss, 1894a, 252 (syn. of *Echinost. cesticillus*); 1899b, 697 (young of *Stephanost. cesticillus*).—Mont., 1891, 121; 1893, 61, 158, 160, 161.—Nicoll, 1907, 69 (*valdemflatum*).
- valdemflatum* Nicoll, 1907, 69 (for *valdeinflatum*).
- validum* Linst., 1886, 124-128, figs. 23-27 (in *Delphinus* sp.; South Atlantic); 1889a.—Braun, 1892a, 591, 603, 608; 1893a, 873.—Buttel-Reepen, 1902, 169, 171, 172, pl. 6, fig. 24.—Stoss., 1892, 15-16 (in *Delphinus* sp.; Atlantic).
- vallei* Stoss., 1896, 129, fig. 2 (in *Falco subbuteo*); 1898, 33.—Looss, 1902m, 746.
- variabile* Leidy, 1856, 44 (in *Tropidonotus sipedon*).—Braun, 1893a, 876.—Dies., 1858e, 352-353.—Luehe, 1900, 559-561.—Pratt, 1903, 31.—Stoss., 1895, 232-233 (in *Trop. sip.*; Philadelphia).—Volz, 1899, 234, 235.—West, 1896, 323.
- varica* Zed., of Ben., 1870, 69, see *varicum*.
- varicum* (Mueller, 1784) Zed., 1803a, 217.—Bellingham, 1844a, 424.—Ben., 1870, 25.—Braun, 1892a, 643, 735.—Cobbold, 1860a, 24.—Dies., 1850a, 368; 1858e, 342 (in *Salmo salar*).—Duj., 1845a, 465.—Hausmann, 1897b, 4, 6, 20, 22 (in *Trutta salar*).—Juel, 1889, 34.—Kroyer, 1843-45a, 581; 1846-53a, 54 (in *Salmo salar* L., *Thymallus vulgaris* Cuv.).—Levin., 1881, 5; 1881a, 54-56, 58, 61, 69, pl. 2, figs. 1-2 (in *Cottus scorpius*, *Gadus ovak*; immature forms in *Harmothoe imbricata*, *Cottus scorpius*).—Looss, 1896b, 136; 1899b, 639 to *Hemimurus*; 1901, 438.—Luehe, 1901, 479.—M'Intosh, 1864, 149-150 (of Rud.) (in *Salmo salar*).—Mont., 1890, 424; 1891, 513; 1893, 43, 61, 85, 88, 95, 106, 107, 180, 182, 183, 184.—Mueller, 1788, 43.—Nord., 1840, 620 (to Fasc.).—Olfers, 1816, 46.—Olss., 1868, 40; 1876, 17.—Rud., 1809a, 396-397; 1810a, 376; 1819a, 106.—Stoss., 1886, 22; 1902, 582.—Reported for *Anguilla vulgaris*; *Conger conger*; *C. vulgaris*; *Coregonus wartmanni*; *C. oxyrinchus*; *Gadus euxinus*; *G. minutus*; *Hippoglossus maximus*; *Labrus maculatus*; *Lota molva*; *Merlangus vulgaris*; *Molva abyssorum*; *M. vulgaris*.

DISTOMA—Continued.

- variegatum* Rud., 1819a, 99, 378-379 (in *Rana esculenta*; Berlin, October).—Baird, 1853a, 53.—Ben., 1870c, 141.—E. Bl., 1847, to *Brachylemus*.—Braun, 1897a, 1459; 1892a, 784 (*varigatum*); 1893a, 876, 881, 911.—Cobbold, 1860a, 17.—Crep., 1829, 58-59; 1837, 310, 322, 326; 1839, 288.—Darr, 1902, 654.—Dies., 1850a, 354-355 (to *Brachylemus*); 1858e, 339 (in *Rana pipiens*, *Pelophylax esculentus*).—Duj., 1845a, 416-417.—Gronkowski, 1902a, 511, 515, 518-519, 531-532 (4, 8, 11-12, 24-25), pl. 13, figs. 3, 11, 12.—Hausmann, 1897b, 27.—Kamensky, 1900a, 8.—Leuck., 1863a, 490.—Leidy, 1851, 207, 242; 1856, 44.—Linst., 1883, 309; 1886, 34; 1887, 97.—Looss, 1892, 65, 93 (*varigatum*); 1893b, 812, 815, 818, 819, fig. 3; 1894a, 2, 3, 65, 68, 71-82, 113, 114, 115, 116, 118, 119, 120, 121, 125, 127, 135, 136, 146, 150, 159, 163, 167, 173, 175, 179, 182, 190, 193, 199, 204, 208, 209, 210, 212, 214, 215, 217, 221, 224, 226, 227, 230, 242, 256, 266, 268, pl. 2, figs. 43-48, pl. 7, figs. 134-146 (syns. *D. cylindricum*, *D. cylindraceum*, *Monost. bombynae*, *M. ellipticum*) (in *Rana esculenta*, *Bombinator igneus*; *Bufo cinereus*); 1896b, 19; 1899b, 556, 661 (type of *Hæmatolœchus*), 602, 603; 1901, 192; 1902m, 732 (type of *Pneumonoëces*), 810.—Luehe, 1899, 533; 1901, 58.—Mehlis, 1831, 177-179.—Mol., 1859, 828-829, pl. 3, fig. 2 (syn. *Brachylemus* v.) (in *Pelophylax esculentus*; Europe).—Mont., 1892, 715.—Mueh., 1898, 26.—Pag., 1857, 41-42, pl. 5, fig. 2 (in green frog).—Poir., 1885, 102.—Sons., 1893, 185, 188, 189 (in *Rana esculenta*).—Staff., 1900, 405, 409; 1902, 482 (in Canadian frogs and toads); 1902, 24 Nov., 895, 904 (American representatives); 1903, 15 Dec., 901; 1905, July, 50-51.—Stiles & Hass., 1898a, 84; 1902d, 20.—Stoss., 1889, 62; 1896, 128; 1898, 35.—Wagener, 1857, 25, 102, pl. 21, figs. 1-2.—Wright, 1879, 8.—Also reported for *Bufo vulgaris*, *Rana halcina*, *R. temporaria*, *Triton alpestris*.
- varigatum* Looss, 1892, 93, for *variegatum*.—Braun, 1892a, 784.
- [*variolosus* Gærtner in Pallas (a tunicate)].—Lamarck, 1816, 101.
- varium* Eysenhardt, 1829, 148-151 (in *Gadus merluccius*).—Dies., 1850a, 342 (syn. of *D. caudiporum*), 371 (syn. of *D. appendiculatum*), 372 (syn. of *D. grandiporum* and of *D. rufoviride*).—Mol., 1859, 826 (syn. of *D. grandiporum*).—Mont., 1891, 498.—Wagener, 1860, 166.
- velella* Filippi (1843), 66, pl. 5, fig. 12 (in *Velella spirans*; Naples).—Dies., 1850a, 379, 659 (renamed *D. megacotyle*).—Kœlliker, 1849, 53.—Mont., 1888, 198, 199; 1893, 123.
- veliporium* Johnston, 1902, 329, for *veliporum*.
- veliporum* Crep., 1837a, 310 (in *Squalus griseus*), 318.—Ariola, 1899, 7, 9 (syns. *D. insigne* Dies., *D. microcephalum* Baird, *D. scymni* Risso).—Braun, 1892a, 567, 586, 624, 625, 647, 682, 686, 690, 735; 1893a, 873, 879, 910; 1893d, 466.—Carus, 1884, 129.—Cobbold, 1860a, 25 (in *Prionodon milberti*, *Hexanchus griseus*).—Darr, 1902, 666, 667, 669, 683.—Dies., 1850a, 347 (syn. *Fasc. squali grisei*) (in *Prionodon milberti*; *Hexanchus griseus*; *Panormi*).—Duj., 1845a, 471 (in *Squalus griseus*).—Jægers., 1900, 72, 73, 74; 1900, 736.—Johnston, 1902, 329 (*veliporium*).—Kerbert, 1881a, 541.—Linst., 1903, 279, 354.—Lint., 1898, 521-522; 1901, 416 (in *Raja lævis*), 421, 431.—Lönnberg, 1891, 71; (1898), 4.—Looss, 1894a, 152, 211; 1899b, 570 (thinks this form may belong to *Azygia*).—Mont., 1888a, 7; 1889, 69; 1889, 70 (in *Raja* sp.; *Porto Huite*, Chile); 1889, 321; 1892, 5, 6, 7; 1893, 9; 1893, 33, 34, 36, 43, 52, 82, 102, 107, 113, 120, 122, 147, 191, pl. 1, fig. 6, pl. 8, figs. 122-131.—Ofenheim, 1900, 164.—Olss., 1868, 22; 1876, 13; 1896, 508 (includes *D. insigne*, *D. microcephalum*).—Poir., 1885, 22, 37, 42, 44, 48, 49, 53, 74, 82, 106, 127, 142.—Stoss., 1886, 19; 1890, 51; 1901, (9) 97, pl. 6, fig. 1 (in *Notidanus griseus*; *Triest*); 1904, 198, 199.—Villot, 1878, 2 (in *Hexanchus griseus*, *Prionodon milberti*).—Wagener, 1852, 543; 1857, 28; 1860, 174.—Reported for *Acanthias vulgaris*, *Carcharias milbertii*, *Centrolophus pompius*, *Chimæra monstrosa*, *Echinorhynchus spinosus*, *Heptanchus cinereus*, *Hexanchus griseus*, *Raja batis*, *R. clavata*, *R. fullonica*, *R. lævis*, *R. lineata*, *R. radiata*.
- ventricosa* Ben., 1871a, 68, pl. 4, fig. 11.—Braun, 1891d, 423.—Mont., 1891, 510 (syn. of *Apoblema ocreatum* Rud.).
- ventricosum* (Pallas, 1774) Mont., 1893, 26, 27.—Braun, 1893b, 184.—Stoss., 1900, 8.—Reported for *Pimelepterus* sp.
- ventricosum* Rud., 1819a, 108, 398 (in *Clupea alosa*; Arimini, April).—Ben., 1858a, 1861a, 179, 193; 1870, 68.—Bl., 1891, 468-478, fig. 36.—Buttel-Reepen, 1902, 166, 167, 168, pl. 6, figs. 19-22.—Carus, 1884, 125.—Cobbold, 1860a, 27.—Darr, 1902, 666.—Dies., 1850a, 369 (in *Alosa vulgaris*; Arimini).—Duj., 1845a,

DISTOMA—Continued.

- 465.—Hausmann, 1897a, 4, 6, 20, 23 (in *Al. vulg.*).—Jackson, 1888, 647.—Kroyer, 1846–53a, 218 (in *Alosa finta* Cuv.).—Lander, 1904a, 1.—Mont., 1887, 87; 1891, 12 (syn. of *Apoblema appendiculatum*), 16, 17 (p. p. syn. of *Apoblema ocreatum* (Rud.) Mont.); 1891, 496, 497, 498, 499, 500, 501, 502.—Nicoll, 1906, 525 (in *Gasterosteus aculeatus*).—Sons., 1890, 12–13; 1891, 259 (syn. of *D. ocreatum* Mol.) (in *Alosa sardina*).—Stoss., 1886, 11; 1887, 90; 1898, 29; 1902, 582.—Wagener, 1860, 166–172, 173, 175, 179, pl. 8, figs. 1–7 (in *Clupeiden*).—Also reported for *Anguilla vulgaris*, *Clupea* sp., *C. sprattus*, *Motella communis*, *M. mustela*.
- ventricosum* Stoss., 1898, 29 (syn. of *Apoblema ocreatum* Rud.).
- ventricosum* Rud. of Wagener, 1860, 166–172, 173, 175, 179, pl. 8, figs. 1–7 (in *Clupeidæ*).—Braun, 1891d, 423.—Levin., 1881a, 59 (syn. of *D. appendiculatum* Rud., Mol.).—Luehe, 1901, 396, 397, 399.—Mont., 1891, 499, 501, 502, 505 (syn. of *Apoblema appendiculatum* Rud.).
- ventricosum minor* Shipley, 1900,*540 (in *Pimelepterus* sp.; New Britain).
- vereticolle lucii* Rud., 1809a, 440 (misprint for *D. tereticolle lucii*).
- verrucosum* Busch, 1851, 100, pl. 15, fig. 11 (in *Ophidium barbatum*).—Braun, 1893a, 873.—Carus, 1884, 128.—Mont., 1893, 27, 94, 102.—Stoss., 1886, 19 (in *Oph. barb.*).
- verrucosum* Lint., 1892, 96–97, pl. 6, figs. 33–35 (in *Larus californicus*).
- verrucosum* Mol., 1859, 842–844 (in *Labrax lupus*; Rhedoni, Padua) (includes *D. labracis* Duj., 1845a, 398).—Braun, 1892a, 579, 642, 720, 728, 737.—Lander, 1904a, 8.—Odhn., 1901, 513, 514.—Par., 1899, 5; 1902, 4 (syn. of *Dicrocoelium labracis*).—Stoss., 1886, 31; 1886, 48 (in *Labrax lupus*; Trieste); 1898, 46.
- verrucosum* Poir., 1885, 10–11, 16, 29, 60, 74, 79, 81, pl. 23, fig. 4 (in *Thynnus*).—Braun, 1892a, 576, 608, 609, 873; 1893d, 466.—Jägers., 1900b, 72.—Lander, 1904a, 8.
- verrucozum* Frœlich.—Wolffhuegel, 1900, 136 (for *Monost. ver.*?).
- vespertilionis* (Mueller, 1784) Zed., 1803a, 214.—Dies., 1850a, 387 (syn. of *D. lima*).—Kolenati, 1857, 12.—Rud., 1809a, 427 (syn. of *D. lima*).—Stoss., 1904, 2.
- vexans* Braun, 1901, 947 (in *Turdus merula*); 1902b, 151–152, figs. 94–95.
- vibex* Lint., 1900a, 269, 281, 291–292, pl. 38, figs. 48–51 (in *Spheroides maculatus*); 1901b, 416 (in *Sph. mac.*; Woods Hole, Mass.), 419, 464; 1905d, 328, 334, 402, fig. 188.
- viperæ* Linst., 1877, 186 (in *Pelias berus*).—Braun, 1893a, 870.
- virgula* Fil., 1837a, 338, fig. 5 (in *Paludina impura*, *Valvata piscinalis*; Ticini); 1855b, 5.—Dies., 1850a, 296 (to *Cerc.*).—Moul., 1856a, 161 (to *Cerc.*).
- vitellatum* Linst., 1875, 189–190 (in *Totanus hypoleucus*); 1887, 104.—Braun, 1902b, 50 (to *Plagiorchis*).—Stoss., 1892, 154 (in *Actites hypoleucus*; Ratzeburg); 1892, 12, to (*Brachylaimus*); 1904, 2 (*vitellatus*).
- vitellilobum* Olss., 1876, 14 (in *Rana temporaria*).—Braun, 1893a, 873, 881; 1893d, 466.—Linst., 1887, 97, 98, 102.—Looss, 1894a, 56, 57, 62, 82; 1899b, 606–607 (whether a good species or only a variety of *Gorgodera cynoides* can not be determined from Olsson's description); 1902m, 851 (perhaps a *Gorgoderina*), 857 (to *Gorgoderina* as possible).—Sons., 1893, 187 (in *Rana esculenta*).—Stoss., 1889, 67.
- vitellosum* Lint., 1900a, 269, 282, 290, pl. 37, figs. 38–39 (in *Merluccius bilinearis*; Woods Hole, Mass.); 1901b, 16, 420, 435, 436, 437, 439, 440, 445, 446, 449, 451; 458, 460, 462, 464, 471, 474, 481, 482, 483, 485, 486, figs. 333–340; 1905d, 329, 335, 348, 351, 357, 366, 369, 378, 382, 385, 388, 390, 393, 396, 397, 399, 401, 404, 405, 409, 413, figs. 176–178.—Johnstone, 1907, 182–185, fig. 15 (in *Pleuronectes flesus*; Piel).—Reported for *Anguilla chrysypa*, *Bairdiella chrysura*, *Brevortia tyrannus*, *Clupea harengus*, *Cynoscion regalis*, *Dasyatis centrura*, *Decapterus macarellus*, *Lagodon rhomboides*, *Leiostomus xanthurus*, *Leptocephalus conger*, *Limanda ferruginea*, *Menticirrhus americanus*, *M. saxatilis*, *Merluccius bilinearis*, *Micropogon undulatus*, *Monacanthus hispidus*, *Opsanus tau*, *Orthopristis chrysopterus*, *Paralichthys albiguttus*, *P. dentatus*, *Pomatomus saltatrix*, *Pomolobus pseudoharengus*, *Pseudopleuronectes americanus*, *Prionotus scitulus*, *P. tribulus*, *Scianops ocellatus*, *Sarda sarda*, *Scomber scombrus*, *Spheroides maculatus*, *Stenotomus chrysops*, *Tautoglabrus adspersus*, *Trachinotus carolinus*, *Tylosurus marinus*).

DISTOMA—Continued.

[*vitreum* Sars (a tunicate).]

vitriæ Targioni Tozzetti, 1873, 335–336 (in vitrine).

vitta Duj., 1845a, 418 (in *Mus sylvaticus*; Rennes) to (*Brachylaimus*).—Braun, 1901e, 340.—Cobbold, 1879b, 316.—Dies., 1850a, 396.—Stoss., 1892, 13 (in *Mus sylv.*; Rennes).

viverrini Poir., 1886, 27–29, pl. 3, figs. 1–3 (in liver of *Felis viverrinus*).—Braun, 1892a, 699; 1893a, 875; 1893f, 425; 1893, 350, 352, 353.—Looss, 1899b, 675.—Mont., 1888a, 58; 1893, 43, 83, 86, 95, 102, 105, 106, 107.—Stiles & Hass., 1894e, 427–428 to (*Dicrocoelium*).—Stoss., 1892, 24.

vivipara Ben., 1870, 1871a, 28, pl. 3, figs. 3–4 (in *Mugil chelo*; Belgium).—Braun, 1891d, 424 (in *Mugil cephalus*); 1892a, 784.—Hahn & Lefèvre, 1884a, 516 (*viviparum*).—Looss, 1902, 129, 137.—Sons., 1891, 253, 254–255 (in *Mugil cephalus*).—Stoss., 1898, 51 (in *Mugil chelo*; Triest).

viviparæ fasciatæ Linst., 1877b, 186 (in *Vivipara fasciata*); 1878a, 322.

viviparum Olss., 1868, 28–29, pl. 4, figs. 73–75 (in *Pleuronectes microcephalus*; Scandinavia).—Braun, 1892a, 785, 786; 1893a, 873.—Looss, 1901, 439, 442.—Mont., 1893, 82.—Nicoll, 1907, 82.—Odhn., 1902, 59, 61.—Sons., 1891, 255 (in *Pleuronectes microcephalus*).—Stoss., 1886, 38.

volvens Nord., 1833, 321, pl. 19, for *Diplost. volvens*.

vulpina Abildg., 1790, 63–64, pl. 5, figs. 6 a–c (syn. *Alaria*).—Baird, 1853a, 46.—Brand., 1888a, 60 (syn. of *Hemist. alatum*).—Dies., 1850a, 308 (syn. of *Hemist. alatum*).—Nitzsch, 1819, 399 (syn. of *Holost. alatum*).—Rud., 1809a, 403.

wachniæ Rud., 1819a, 122, 427, based on Tilesius, 1810, 363, 374, pl. 19, figs. 8–10 (in *Gadus wachnia*).—Cobbold, 1858b, 157 (= *D. simplex*, *D. fulvum*).—Dies., 1850a, 398 (in *Gadus wachnia*).—Rud., 1819a, 122, 427.

wedlii Cobbold, 1860a, 18 (*D. pelophylacis esculenti* renamed) (in *Rana esculenta*).—Stoss., 1889, 71.

westermanni Kerbert, 1881a, 529–578, pl. 26–27, for *westermanni*.

westermanni Kerbert, 1878a, 11 Nov., 271–273 (in *Königstiger*; Amsterdam).—Bettend., 1897a, 7 (*westermanni*); 1897b, 311 (*westermanni*).—R. Bl., 1891a, 610–611 (*westermanni*) (syn. *D. ringeri*); 1895, 34–39, 188; 1895, 649–932, figs. 47–116.—de Bonis, 1882, 148 (*westermanni*).—Brand., 1888a, 50 (*westermanni*); 1890a, 577 (*westermanni*); 1891d, 7 (*westermanni*).—Braun, 1892a, 586, 588, 589, 597, 602, 604, 605, 607, 622, 628, 644, 645, 654, 664, 665, 666, 668, 669, 671, 675, 677, 679, 682, 699, 700, 701, 703, 705, 707, 711, 712, 713, 715, 717, 718, 719, 723, 724, 725, 727, 728, 730, 733, 735, 736, 752, 753, 758, 784, 785 (*westermanni*); 1893a, 876, 882 (*westermanni*); 1893b, 185 (*westermanni*); 1895b, 142–143, fig. 58 (*westermanni*); 1899g, 491, 492 (type of *Paragonimus*) (*westermanni*); 1900h, 3, 5, 6 (*westermanni*); 1901e, 329, 330, 332, 333 (*westermanni*); 1903, 3 ed., 155 (*westermanni*) (to *Parag.*).—Buttel-Reepen, 1902, 185 (*westermanni*).—Cobbold, 1880l, 139–140, pl. 10, figs. 1–3 (*westermanni*); 1884g, 976 (*westermanni*).—de Does, 1903, 409–412 (*westermanni*); 1905, 278–279 (case in dog) (*westermanni*).—Dubler, 1892a, 78 (in panther) (*westermanni*).—Fischer, 1883a, 8, 29 (*westermanni*).—Gamb., 1896a, 63 (syn. of *D. pulmonale*) (*westermanni*).—Gronkowski, 1902a, 522 (15) (*westermanni*).—Huber, 1896a, 576, 577 (syn. of *D. pulmonale*) (*westermanni*).—Inouye, 1893a, 79–86; 1897a, 175–178 (2 brain cases); 1903a, 120, 122, 123 (*westermanni*).—Jackson, 1888, 643 (*westermanni*).—Juel, 1889, 14, 33, 37 (*westermanni*).—Kath., 1894a, 143 (*westermanni*).—Katsurada, 1900d, 506–523, figs. 1–3, pl. 14–15, figs. 1–8 (Japan) (*westermanni*); 1902b, 50–52; 1904, v. 2 (3), 22; 1904f, 148, 157 (occurs in cats and dogs) (*westermanni*).—Kiyono, Suga & Yamagata, —, 261, 262, 263.—Lander, 1904a, 10, 16 (*westermanni*); 1904, April 9, 580.—LeCount, 1904, 580 (eggs).—Linst., 1890f, 178 (*westermanni*).—Looss, 1885b, 6, 7, 10, 14, 15, 16, 17, 26, 27, 36, 37 (*westermanni*); 1894a, 118, 180, 198 (*westermanni*); 1899b, 560, 561 (type of *Polysarcus*) (*westermanni*); 1905, 84 (to *Parag.*) (*westermanni*).—MacCallum, 1899, 708 (*westermanni*).—Mackenzie, 1904a, 1133–1135 (case in Portland, Oreg.); 1904b–e; 1904, May 7, 745, 758, 901; 1904, June 15, 193; 1905, Jan. 10, 790 (case) (*westermanni*).—Manson, 1901, 541 (syn. of *D. ringeri*) (*westermanni*).—Moniez, 1896, 86, 144–152 (*westermanni*).—Mont., 1888, 18, 24, 32, 33, 36, 39, 54, 56, 64 (*westermanni*); 1893, 1–229, pl. 1–6; 1893, 6, 26, 36, 38, 155 (*westermanni*).—Poir., 1885, 26, 27, 149 (*westermanni*).

DISTOMA—Continued.

mani).—Pratt, 1898, 361.—Shaw, 1901, 1027 (*westermanni*).—Simon, 1897, 259 (syn. of *D. pulmonale*) (*westermanni*).—Sons., 1895, v. 9, 291–292; 1896, 297, 302 (*westermanni*); 1896, July, 534–535.—Stiles, 1894i, 57–58, figs. 1–4 to (*Mesogonimus*): 1894k, 5 pp., 4 figs.; 1894l, 107–110, figs. 1–4 (Ward's case in U. S. A.); 1894m, 756; 1898, 96.—Stiles & Hass., 1898a, 96 (*westermanni*); 1900a.—Stoss., 1892, 32 (to *Mesogonimus*) (*westermanni*).—Taniguchi, 1903, Dec., 100, 102 (*westermanni*).—Tyson, 1903, 3 ed., 1181 (*westermanni*).—Ward, 1894, 355–357, 358–360 (*westermanni*); 1894, 362–364 (*westermanni*); 1895, Feb., 87–89 (*westermanni* in U. S. A.); 1895, Mar. 2, 236–239, figs. 1–3 (*westermanni*); 1895, 304–309 (*westermanni*); 1895, 238 (man, tiger, cat, dog), 244–246, figs. 4–6 (*westermanni*); 1895, 328 (in *Homo*), 341 (in *Canis familiaris*); 1896, 5 Nov., 709 (*westermanni*); 1903, 867 (to *Parag.*).—Weber, 1891, lxxxiii–lxxxiv (tiger, Sumatra) (*westermanni*).—Ziegler, 1883, 544, 556, 557 (*westermanni*).

westermanni Leuck., 1889, 404, 408, 409, for *westermanni*.

winogradoffi Jaksch, 1897a, 219 for *sibiricum*.

xanthosomum Crep., 1846a, 138 (in *Colymbus septentrionalis*; Germany).—Braun, 1892a, 679, 699; 1893a, 875; 1893, 353; 1893f, 427; 1902b, 7 (to *Metorchis*), 8, 9.—Cobbold, 1860a, 15.—Dies., 1858e, 355 (in *Podiceps minor*).—Linst., 1873, 101.—Looss, 1896b, 58.—Stoss., 1892, 187.—Wagener, 1857, 22, figs. 3, 4 (in *Pod. mi.*).

zschokkei Volz., 1899, 231–234, 237, pl. 20 (in *Heterodon platyrhinus*).—Braun, 1901, 944; 1902b, 65.—Luehe, 1899, 532, 533; 1900, 561.—Pratt, 1903, 25.

DISTOMACEA Weinland, 1859, 280 (family of Trematodes).—Stiles & Hass., 1898a, 87, 90.

DISTOMATA Zed., 1800a, 163, pl. of *Distoma*.—Bojanus, 1817b, 275, 276.—Jackson, 1888, 653.—Loomis, 1885, 394.—Wyman, 1851, August, 65–66 (development).

hominis Taylor, 1884, 27 issue, 44–54, figs. 1–5, apparently used as “distomes of man.”—Ward, 1895, 246 (syn. of *Fasc. hepatica*).

DISTOMATIDÆ Gamb., 1896a, 73, family name (*Distoma*).

[DISTOMATINÆ Senn, 1903 [flagellates].]

DISTOMATOSIS (= any infection with distomes, s. lat.): Anacker, 1885e, 438; 1889a, 22.—d'Avrilly, (1836), 208–212 (pourriture in ruminants).—Benion, 1874a, 632–646.—Bouley, —, 21–30.—de Does, 1903, 407–409.—Fenger, 1854, 173.—Gerlach, 1854, 289–292 (liver fluke).—Grassi, (1884b); 1885a, 229–234.—Hilgen-dorf, 1885a, 127–130.—Hurtrel D'Arboval, 1838, 255 (cachexie); 1874a, 224–230, figs. 95–98.—Hurard & Tessier, 1817a, 14 pp. (bovine).—Jamieson, 1897b, 147–148.—Le Roy de Mericourt, 1870a, 391–400.—Luciano, (1846a).—Ménin, 1884, 52–55 (ruminants).—Montel, 1906, 258–262 (pulmonary).—Moulé, 1885, 501.—Perroncito, (1874), 35–36, 1 pl.; (1885), v. 28, 83–86.—Rail., 1896, 159.—Raynaud, 1859, v. 33, 488 (ruminants).—Reynal, 1856.—Schell, 1855–56.—Semmer, 1885, 438.—Signal, 1884, 33–34, figs. 16–18.—Velzen, 1891, Jul., 141.—Veterinarian, 1836, v. 9, 227–228; 1880, Aug., 548–549.—Zuendel, 1874, 224–230, figs. 95–98; ?1880, 30.

—, *hepatic*: Anacker, 1885d, 380–382.—Deutsche tierserztl. Wchnschr., Hannover, 1904, Jun. 4, 226.—Gómez, 1879a, Mar. 1, 81–89.—Matsumoto, 1891, 9–12.

—, *diagnosis of*: Cobb, 1904, 658–669 (eggs as quantitative aid); —, v. 8, 481.—Manson, 1901, 543.—Solowjew, 1904, v. 11 (7), 218; 1906, v. 10, 37.

—, —, *hepatic*: Brusaferro, 1887c, 296–304.—Garcia, 1884a, 129–135.

—, *etiology of*: Albanese, 1906, v. 55 (25), 597–602 (toxicity of aqueous extract).—Am. Vet. Rev., 1898, xxii, 82 (Hawaiian Islands).—Ménin, 1881, 105–108 (ruminants); 1881, 182–183.—Reynes, 1869, 30–36 (hepatic).—Schaper, 1890, 17–18; 1890, 1–95, pls. 1–5; 1889, 96 pp., 5 pls. (and pathology; in domesticated animals).—Staiger, 1876.—Veterinarian, 1879, v. 52, Nov., 807–808 (rainfall).

—, *geographic distribution of*: Akanuma, 1892, 22–27 (hepatic, Saitama district); 1894, 6 (Province of Toyama).—Corlette, 1897a, 146–147 (Sydney).—Gaide, 1905, 568–579 (hepatic, Tonkin).—Kermorgant, 1905, Feb. 7, 104 (Tonkin); 1905, Feb. 8, 88; 1905, Apr. 11, 731; 1905, May 20, 463–464; 1906, Jan. 31, 64 (Tonkin).—Monsarrat, 1898a, 82 (Hawaiian Islands).

—, *in various animals*: Bolotoff, 1890a, 695–696 (domesticated).—Delafond, 1854a, 56 pp., figs. 12–13.—Didry, 1832a, 139–147.—Léger, 1897h, 957–958 (des pélecypodes).—Mangin, 1832, 420.—Sauer, 1898, Nov. 8, 421.

DISTOMATOSIS—Continued.

- , IN CATTLE: Aragon, 1896, 451-456, figs. 1a-3a (hepatic).—Billhuber, (1791a), (and sheep).—Blakeway, 1879a, 260.—Buuck, 1865a, 33-35.—Collyer, 1893a, 347.—Cornil & Petit, 1901a, 178-179; 1901b, 614; 1901c, 375; 1902a, 114-115; 1902b, 117; 1902c, 57-58 (atrophic cirrhosis).—Curtice, (1891b), Jan. 24.—Jæger, 1906, v. 32 (4-5), 456-476, 2 fig. (hepatic); 1906, Aug., 382.—Lucet, 1890b, 548-549 (lungs); 1890c, 549-550 (rate).—Pease, 1895, May, 326-328; —, 5-8 (and buffaloes; India); —, 590-594.—Repiquet, 1899, May 31, 271-272, figs. 2-3; 1899, Nov., 816 (abdominal wall).—Veterinarian, 1880, Feb., 115-116; 1881, May, 317-318.—Watson, 1902, Mar., 145-151 (Connaught).
- , *pulmonary in cattle*: Mackh, 1889, 308-309.—Meltzer, 1894, n. 48; 1895, 137.—Morot, 1887, 38-39; 1887, 64-69; 1890, 407-409.—Rail, 1885, Aug., 285-286 (Dist. hep.).—Rivolta, (1868), 9; (1868), 267; (1868), 296-300; 1869, 473; 1869, 73-75.—Tapken, 1891, 241.
- , *bronchial in cattle*: Morot, 1893, 141-144; 1893, 249.
- , *heart, cattle*: Covu, 1898a; 1898, 98.—Muscle, cattle: Willach, 1892, 239.
- , IN DOG (*Canis fam.*): de Jong, 1896a, 1-12, pl. 1, figs. 1-4 (hepatic) (and cat); 1897a, 245-246; —, 479 (and cat; hepatic).—Kurimoto, 1894a, 45-49.—Zwaardemaker, 1888, Oct. 15, 679; 1890, Feb., 134-140 (and cat); 1890, May, 197-203, figs. 1-2; 1890, Aug., 276-277; 1890, 139-140.
- , IN DEER: Bassi, 1875; 1876, 235.
- , IN HORSE: Adams, 1876, Nov., 764-765 (hepatic).—Galli-Valerio, 1893a, 173-182; 1895c, 266 (gall duct); 1895e, 558.—Willach, 1892, v. 18, 118 (lungs).
- , IN MAN: Cobbold, 1884g, 976;—Florance, 1866a, 36 pp.—Grall, 1887a, 459-470, 4 figs.
- , ———, *hepatic* (see also fascioliasis): Allen, 1881b, 257.—Caraoes, 1888a, 44 pp., 4 figs. (Asia).—Cobbold, 1875i, 423; 1875k, 780-781.
- , ———, *hepatic, Japan* (see also opisthorchiasis): Akanuma, 1892, 22-27.—Aoyama, 1891a, Apr. 5.—Hori, 1890a, Feb. 5.—Inoue, Oaknishi & Katsurada, 1891a.—Kajama & Nanba, 1892a, 32-36.—Katsurada, 1890a, 38-41 (cirrhosis); 1891a, 20-32, 2 figs., 26-41, 2 figs. (Okajamaken); 1892a, 9-32, 28-32, 31-40, 27-32, 27-33, 18-21 (pathology); 1893a, 73-79; 1897a, 11-19, 3 figs. (pathology); 1899c, 38-45, 1-16 (pathology); 1900a, 1-9, 1-10, 1-5 (pathology).—Kurimoto, 1893a, 1-7, 21-24, 35-39, 1 pl. (Provinz Saga); 1893b, 67-69, 85-87, 109-111.—Nochezuki & Tsutsumi, 1899a, 13-24.—Otani, 1892, 1-17 (Nagasaki district).—Winoue, 1892, Jun. 20, art. 2.
- , ———, *intestinal*: Ghose, 1869a, 210-211.
- , ———, *pulmonary* (see also paragonimiasis): [Gouveá, 1895a, 46 pp.; 1897a, 308-309, Fasc.]
- , ———, *venal* (see also bilharziosis): Duval, 1842a, 769-772; 1842, 9.
- , ———, *subcutaneous*: Malherbe, 1898, Jan. 22, 49-50, figs. 4-11; 1898, Mar. 12, 476; 1898, Dec. 24, 1289.
- , IN RABBIT (*Lepus*): Rail, 1887, Jul., 324-325.
- , IN SHEEP [nearly all articles on distomatosis in sheep refer to fascioliasis, q. v.] [liver rot, rot, etc.]: Agric. J., Cape Town, 1894, v. 7, 232-233.—Agric. J., Cape Town, 1891, v. 4, 161; 1892, Jan. 14, 160.—Alexander, 1906, Feb. 16, 3-4.—Am. J. Micr., 1880, Jun., 135.—Bass, 1893a.—Bidloo, (1697a).—Boissou, 1878a, 183-189 (Peyrat-le-Château).—Brown, 1861a, 347-379; 1861b, 617-619; 1881a, 326-337; 1886b, 613-615.—Bruce, 1895a, 486-490.—Cobb, 1897a, 453-481, figs. 1-18, 1 pl.; 1897b.—Cobbold, 1880c, 257-258; (1880d), Apr. 7.—Dickens, 1830a, 645-647.—Edin. Vet. Rev., 1863.—Exper. Station Rec., Wash., 1903, Nov., 304.—Fonssagrives, 1868a, 299-315, figs. 1-2.—Halse, 1887a; 1888a, 147-149.—Hamilton, 1880a, 290.—Hamont, 1834a, 537-546, 587-592 (Egypt).—Harrison (1804a).—Hedwig & Reutter (1790a); (1790b), 342.—Hering, 1852a, 117-128.—Hoefnagel & Reeser, 1905, Jun.; 1906, Jan. 1, 50.—Hogo, 1903a, 603.—Hutcheon, 1903n, 603-604; 1905, Jan., 33-48.—Jones, 1894a, 274 (Australia).—J. Comp. M. & S., 1880, Jul., 173.—Joy, 1846a, 297-298.—Karkeek, 1831a, 573.—Kingdon, 1861, Apr., 224-225.—Leeuwenhoek, 1704, 1522-1527; 1705, 1522.—Lessona, (1846a).—Marshall & Hurst, 1887, 25-35.—Moodie, 1903, Jun., 726-727.—Nosotti, 1906, (5); 1906, Jun., 141.—Oekon. Nachr. d. Ges. in Schlesien, —, B. 1, 242.—Rail, 1890, 422.—Ratz, 1899, 616-618 (in spleen).—Rolleston, 1880, Apr. 14.—Rowe, 1872, Sept. 7; 1873, Feb., 120-128 (in Australia).—Salvagnoli-Marchetti, 1856,

DISTOMATOSIS—Continued.

- 52-56; 1856, 76 pp.—Samml. v. Natur- u. Med.-Geschichten, Breslau, 1718a, 694.—Schaeffer, 1753; 1762.—Schiller, 1844, 285-288 (Hungary).—Sheldon, 1881, 107-109 (England).—Simonds, 1861, 274; 1862.—Steel, 1890, 135-172, figs. 29-48.—Stewart, 1900, Oct., 10 pp.—Veterinarian, 1836, v. 9, 539-540; 1863, v. 36, 100; 1863, Mar., 157; 1872, Aug., 542; 1873, Feb., 155-161; 1879, May, 359-360; 1880, Mar., 201-202; 1880, Feb., 136-137; 1880, Jun., 402-403 (Sussex); 1881, Mar., 178-179; 1881, Jan., 29-30; 1882, Nov., 362; 1883, Feb., 130-132.—Wells, 1883, Apr., 171.—Williams, 1895, Dec., 92-93 (Australia).—Zambelli, 1874.—Zuendel, 1880, Apr. 15, 326-336; 1880, 30 pp.
- , MISCELLANEOUS: Harz, 1881c, 1-15, pl. 1 (in *Astacus*).—Rail, 1887, Aug., 559-560 (pulmonary); 1887, 392.—Vallada, 1882, 35-39 (crayfish and crabs).—Zuendel, 1881, 459-465; 1881, Oct., 833-848, 1 pl., figs. 1-3; 1882, Mar., 196-202, figs. 1-3 (des *écrevisses*).
- , PATHOLOGY AND LOCATION OF: R. Bl., 1901b, 204-212, 218-219; 1901c, 581-589.—Bossuat, 1902, 161-206 (hepatic); 1902, 56 pp.; 1903, Jan. 17, 12; 1903, Feb. 28, 115-116; 1903, Aug. 14, 533-534; 1905, July, 76.—Bonvicini, (1881a), 133-134 (hepatic); 1882a, 114.—Colucci, 1882, 535-568.—Hamont & Fischer, (1834b), 129.—Inoue, 1897b, 1-5; 1898a, 8-32, 25-40, 16-40, 17-28 (Japan); (1899a), 20, 15, 1, 1, 1; 1900b, 1-23 (pulmonary); 1900c, 515, 664, 739.—Inoue & Katsurada, 1891a, 8-12, 1 pl. (hepatic).—Katsurada, 1892.—Macgregor, 1877.—Miura, 1889, 310-317, pl. 7, figs. 1-3.—Morot, 1889, 37 (cattle); 1890, 732-734.—Pastor, 1897; 1900, 617-618 (hepatic).—Perroncito, 1887, Mar. 3, 97-112.—Pilavios, 1894, 407 (lungs, cattle); 1894, 579; 1895, Apr., 133.—Sodero, 1889, Nov. 30, 484-490, figs. 1-2 (hepatic); 1892, 161.—Spengel, (1892), 146-147.—Taniguchi, 1904, 100-121; 1905, July 29, 508-509 (cerebral).—Toichiro, 1883, Feb. 23.—Yamagiwa, 1899; 1890 (cerebral, man).—Zacharias, 1892, Dec. 3, 752-753 (cysts).
- , mortality from: Veterinarian, Lond., 1836, Apr., 225-228; 1880, Apr., 246-247; 1880, Sept., 650-664.
- , symptoms of: Aitken, 1866, 42; 1872, 207.—Anders, 1903, 6 ed, 1245.—Inoue & Kodama, 1896a, 14-21.—le Ray, 1897a, 372-386.
- , prevention of: Agric. J., Cape Town, 1894, Sept. 20, 442.—Bennett, 1876a, 677-680.—Manson, 1901, 543.—Stiles, 1902, pp. 220-222, figs. 197-203; 1905dd, 220-222, figs. 119-128.—Tierarzt, Wetzlar, 1904, May, 99-100.—Veterinarian, 1837, Aug., v. 10, 442-444.
- , treatment of: Agric. J., Cape Town, 1898, Aug. 4, 138-139.—Anders, 1903, 6 ed., 1245.—Armatage, 1895, 445-454.—Bekker, 1893, Jan. 26, 23.—Fegliata, (1887a), 61-62.—Khouri, 1904, 80 (rhubarb).—Riomsai, 1883, Sept. 5 (pulmonary); 1884, Feb. 16.—Romagli, 1903, Feb. 25; 1903, May 31, 301 (salol, sheep); 1903, June, 245; 1903, July 1, 513-519; 1904, Jan. 1, 9; 1904, Apr., 89-90.—Tappemer, 1900, 97-105; 1900, Dec. 11, 1729-1731.—Universal Mag., 1838, (1748).—Vallada, 1857; 1859, Aug., 538-595.—Verhandl. ü. Arb. d. Oekon. Patriot. Soc. d. Fürstenth. Schweidnitz u. Janer, 1818, 323.—Veterinarian, 1838, Mar., 112 (salt); 1873, Oct., 698-699.
- DISTOMEA Mont. [not Distomea (Protozoa)]. See Braun, 1890a, 516.—Olss., 1893.—Stiles & Hass., 1898a, 87, 90. See also Leuck. (1856), f. name.
- DISTOMEÆ Leuck., 1863a, 527 (fam. name).—Brand., 1888a, 49; 1891c, 730.—Braun, 1883a, 38, 58; 1893a, 886.—Jackson, 1888, 644.—Schneidemuehl, 1896, 296.—Stiles & Hass., 1898a, 87, 90.—Tasch., 1879, 234.—Zuern, 1882, 113.
- DISTOMEÆ Mont., 1888a, 7, 8, 9, 11, 12, 14, 15, 16, 18, 22, 27, 31, 34, 35, 36, 37, 38, 41, 47, 48, 49, 51, 52, 53, 54, 56, 57, 60, 73, 84, 90, 92, 102, 104, 108.
- DISTOMIDA Manson, 1903, 3 ed., 606 (probably for Distomidæ).
- DISTOMIDÆ Cobbold, 1860a, 1-56 (synopsis of tribe); 1877f, 326; 1879b, 4.—Brand., 1890a, 576.—Braun, 1883a, 59; 1890a, 515, 538; 1893a, 886, 890, 895, 900, 907; 1895b, 136.—Caullery, 1902, 21-24 (ascidian).—Haswell, 1887a, 286.—Haymann, 1905, 81-100, 1 pl. (from chelonians); 1906, Mar., 178.—[Herdman, 1890, 617 (family of Ascidiæ compositæ)].—Hoyle, 1890, 539 (includes: Dist., Fasc., Bilharzia, Echinost., Amphist., Gastrodiscus, Homalogaster, Gastrothylax, Eurycoelium).—Jackson, 1888, 643, 646, 647, 648, 654 (key).—Jacoby, 1899c, 1-30, 2 pls.—Kholodk., 1898, 25.—Klein, v. 22, 59-80, 1 pl. (from Rana); 1906, Mar., 178.—Leuck., 1886d, 30, 90, 442.—Levin., 1881a, 67.—Looss, 1899b, 541, 542, 543, 659 (contains Amphistominae Looss, Fasciolinae Looss) [not Distomidæ, ascidian, see Herdman, 1900, 82]; 1900d, 601-608

DISTOMIDÆ—Continued.

(genera, nomenclature); 1901, 191, 196; 1902b, 120; 1902m, 838; 1904i, 21–22.—Maclaren, 1904, 598, 605, 608, 610, 611, 612, 613.—Montgomery, 1906, Feb. 12, 16.—Mont., 1888a, 7, 15, 17, 18, 20, 24, 28, 30, 43, 52, 56, 60, 68, 90, 92, 104 (subf.); 1891, 449, 516; 1892, Oct. 7, 214 (fam. of Malacocotylea); 1893, 153, 154, 155; 1893, 229; 1894, June 2, 872–874; 1894, Nov. 1, 16–21.—Mueh., 1898, 21.—Nickerson, 1902, 610.—Schneidemuehl, 1896, 295, 296.—Stiles, 1905z, 14.—Stiles & Hass., 1898a, 87, 89, 90; 1900a, 558–611, 2 pls., 6 figs.—Stoss., 1898, 22.

DISTOMIDEA Ben., —.—Carus, 1863, 478.—Mont., 1888a, 84.

DISTOMIDÉS Bl., 1888a, 541, 542, 543 (includes Dist., Amphist., Bilharzia), French name.

DISTOMIDI Mont., 1892, Oct. 7, 191.

DISTOMIDÆ Montgomery, 1906, Feb. 12, 17 (for Distomidæ).

DISTOMII Duj. of E. Bl., 1847, 277 (includes: Distomidæ, Amphistomidæ, Holostomidæ).

DISTOMINÆ Mont., 1892, Oct. 7, 214 (subf.).—Braun, 1893a, 890.—Looss, 1899b, 541.—Mueh., 1898, 21.—Stiles, 1905z, 14.—Stiles & Hass., 1898a, 90.—Stoss., 1898, 22.

DISTOMINEA, see Stiles & Hass., 1898a, 87.

DISTOMOMUM Sons., 1894, 172 (for Distomum).

DISTOMOSE, see distomatosis, Rail., 1896, 159, name of disease.

DISTOMOPSIS Rafinesque, 1815, 151 (new name for Dist. Zed., hence type *Fasc. hepatica*).

DISTOMULUM Brand., 1892, Oct. 7, 510 (see Agamodist.).—Stiles & Hass., 1898a, 82, 87 (syn. of Agamodist. Stoss., 1892).—Stiles, 1902s, 29; 1904i, 12.

DISTOMUM Dies., 1850a, 141, for Distoma.

DISTOMUS Gærtner, 1774, tunicate.

mamillaris Gærtner in Pallas, 1774, 20, also index.

variolosus Gærtner in Pallas, 1774, 35, 40, pl. 4, fig. 7, tunicate.—Lamarck, 1816, v. 3, 101.

DISTOMUS Lænnec, 1812c, 9–12 (m. intersectus).

intersectus Lænnec, 1812c, 9–12.

DISTONUM Goto, 1891a, 181.—Laspeyres, 1904a, 5, 12 (for Distomum).

DOLICHODEMAS Looss, 1900, 603, 608, Dolichosomum Looss, 1899 (not Dolichosoma Steph., —, coleopt.; not Huxley, 1867, saur.) renamed, hence type lorum Duj., 1845); τὸ δέμας, body.

DOLICHOSOMUM Looss, 1899b, Dec., 652–653, 655 [not Dolichosoma Steph., —, coleop., not Dolichosoma Huxley, 1867, saur.] m. lorum; δολιχός long, τὸ δέμας body; 1900, 603, 608 (renamed Dolichodemases).—Braun, 1900h, 13; 1901i, 56.—Luehe, 1900, 557.—Ofenheim, 1900, 183.
1899: Dolichost. Looss, 1899b, 551, 652, misprint.

lorum (Duj., 1845a) Looss, 1899b, 653.

DOLICHOSTOMUM Looss, 1899b, Dec., 551, 652, misprint for Dolichosomum.

DYSTOMA Bojanus, 1817b, pl. ix (for Distoma).

amphistomoides Bojanus, 1817b, 270–277, pl. 9, figs. 1–6 (in Castor fiber).

hepaticum (Linn., 1758) Most, 1836, v. 1, 581, see sub Distoma.

krohnii Kœlliker, 1849d, 65 (in cephalopod), see sub Distoma.

ECHINATA (Echinostoma) Rud., 1809a, 415 [the term Echinata is probably not used in a nomenclatural sense].

ECHINELLA Ben. & Hesse, 1864, 93–94 (not Achar., 1803, poly.; not Swains., 1840, mollusk) (m. hirundinis).—Braun, 1890a, 408, 410, 446, 511, 516, 517, 523, 531, 532; 1893a, 890.—Gamb., 1896a, 73.—Mont., 1888a, 86, 88, 98; 1891, 111; 1903, 336 (subf. Udonellinæ).—Pratt, 1900a, 646, 649 (key), 655, fig. 13.

hirundinis Mont., 1888a, 10 (for hirundinis).

hirundinis Ben. & Hesse, 1864, 94, pl. 8, figs. 17–19 (in Trigla hirundo).—Braun, 1890a, 418, 532, 548, 550, 552.—Mont., 1888a, 10 (hirundinis).—Pratt, 1900a, 655, fig. 13, 657.—Tasch., 1878, 573 (to Udonella).

- ECHINOSTOMA^a Rud., 1809a, 37-38, 415 [tld. *echinatum*].—Baird, 1853a, 55.—Blainv., 1828a, 587-588.—R. Bl., 1891, 609.—Brand., 1892b, 506.—Braun, 1892a, 567, 568, 578, 584, 699, 708, 772, 815; 1893a, 821, 884, 885, 890, 909, 911; 1895b, 121, 138; 1900h, 3; 1901b, 29, 33, 34; 1901e, 315, 328; 1901, 562; 1902b, 26, 117.—Cobbold, 1858b, 162; 1860a, 32; 1864b, 32; 1879b, 461-462.—Dies., 1850a; 1855c; 1858e; 1859c.—Duj., 1845a, 423.—Fil., 1855b, 25; 1857c, 28.—Fuhrmann, 1904, 62.—(Göze, 1782a).—Hoyle, 1890, 539.—Jackson, 1888, 643, 654.—Kowal., 1897c, 554-565, figs. 1-8 (in chickens and ducks); 1897d, 554-565, figs. 1-8; 1897e, 407-408; 1898e, 412; 1898h, 107.—Kamensky, 1900a, 3.—Leuck., 1863, 456.—Looss, 1894a, 172, 249, 251; 1896b, 120, 138, 142; 1899b, 527, 534, 535, 538, 542, 551, 571, 572, 573, 574-575, 576, 578, 579, 582, 625, 696; 1900d, 603; 1901b, 194, 199, 200, 201, 209; 1901e, 628, 655.—1902m, 455, 457, 781, 786, 804, 816, 817, 830.—Luehe, 1899k, 532; 1900u, 489; 1900aa, 563.—Mont., 1888a, 12, 14, 24, 92, 105; 1892, Oct. 7, 214 (gen. of *Distominae*); 1892, 704; 1893, 150, 152, 153, 154, 158, 161.—Moul., 1856a, 15.—Odh., 1902, 20, 21, 38.—Pratt, 1902a, 888, 895.—Rail., 1900, 242.—Rud., 1809a, 37-38, 415; 1814a; 1819a.—Stiles, 1901, 197.—Stiles & Hass., 1894; 1898a, 87 (type *echinatum*), 88, 96.—Stoss., 1892, 4, 5, 28; 1898, 52; 1899, in 11-16.
- acanthocephalum* (Stoss., 1887) Stoss., 1898, 57 (in *Belone acus*; Trieste); 1899, 1, 6 (to *Tergestia*).
- acanthoides* (Rud., 1819) Cobbold, 1860a, 33.—Braun, 1901e, 315.—Duj., 1845a, 424 (in *Phoca vitulina*; Berlin).—Looss, 1899, 581.—Stoss., 1892, 29 (in *Ph. vit.*; Baltic); 1899, 14.
- africanum* Stiles, 1901k, 594 (*E. bursicola* Looss, renamed).
- anceps* (Mol., 1859) Stoss., 1892, 168 (in *Fulica atra*; Padova); 1899, 13.—Looss, 1899b, 581.
- annulatum* (Dies., 1850) Cobbold, 1860a, 36 (in *Gymnotus electricus*; Brazil).—Looss, 1899, 581.—Stoss., 1899, 14.
- apiculatum* (Rud., 1803) Cobbold, 1860a, 35.—Looss, 1899b, 581, 696.—Stoss., 1892, 173 (in *Strix flammea* L., Greifswald; *Syrnium aluco* L., Vienna); 1899, 14.
- armatum* Fuhrmann, 1904, 61-63, fig. 3 (in *Rostrhamus sociabilis*).
- asperum* (Wright, 1870) Stoss., 1892, 164 (in *Botaurus minor*; North America); 1899, 13.—Looss, 1899b, 581, 695, 696; 1902m, 817.—Odh., 1902, 38.
- baculus* (Dies., 1850) Cobbold, 1860a, 36 (in *Mergus albellus*); 1860, 31.—Looss, 1899b, 581, 693.—Nicoll, 1906, 154.—Stoss., 1892, 163 (in *Mer. alb.*; Ratzeburg); 1899, 14.
- beleocephalum* (Linst., 1873) Stoss., 1892, 169 (in *Ardea cinerea* L.; Ratzeburg); 1899, 14.—Looss, 1899, 581, 687, 695.
- bicoronatum* (Stoss., 1883) Par., 1902, 5 (in *Corvina nigra*, *Umbrina cirrhosa*; Portoferrajo).
- bilobum* (Rud., 1819) Cobbold, 1860a, 35.—Looss, 1899, 572, 581, 684-685, 687, fig. 8; 1901b, 201, 209 (with *E. ramosum* probably represents a subg. of *Echinost.*).—Odh., 1902, 38.—Stoss., 1892, 171-172 (in *Fulica atra*, *Plegadis falcinellus*; Padova and Vienna; *Platalea leucorodia*; Venice); 1899, 13.
- bursicola* Looss, 1899b, 694-696, figs. 19-20 (in *Milvus parasiticus* at Adeleninsel, Heluan, Apr.; *Falco tinnunculus* at Dachschor, Jan.).—Braun, 1901, 18; 1902b, 74.—Stiles, 1901s, 593-594 (renamed *africanum*); 1902cc, 360.
- cesticillus* (Mol., 1858) Mont., 1893, 158-161, pl. 5, figs. 56-60, pl. 6, fig. 68.—Barbagallo & Drago, 1903, 11 (in *Seriola dumerili*, *Torpedo ocellata*, *Umbrina cirrhosa*; Catania).—Looss, 1894a, 252 (*Dist. valdeinflatum* as syn.); 1899b, type of *Stephanost.*—Stoss., 1898, 54 (in *Zeus faber*, *Lophius piscatorius*, *Corvina nigra*, *Umbrina cirrhosa*; Trieste).
- cinctum* (Rud., 1803) Cobbold, 1860a, 35 (in *Vanellus cristatus*, *V. melanogaster*).—Looss, 1899b, 580, 683, 687.—MacCallum, 1904, 547.—Stoss., 1892, 172-173 (in *Vanellus cristatus*, *V. melanogaster*, *Gallinula chloropus*; Rosstock); 1896, 126; 1897, 10; 1898, 53; 1899, 12.
- cloacinum* Braun, 1901d, 259 (*D. bursicola* Crep., renamed) (in *Ardea cinerea*); 1902b, 74 (*Dist. bursicola* Crep., as syn.).—MacCallum, 1904, 547.—Stiles, 1901k, 593-594 (nomenclature); 1902cc, 360.

^a Rud. originally proposed *Echinostoma* as a genus, but in the same work he used it in such a way that we must also interpret it as a subgenus. For the original species see D. (*Echinostoma*).

ECHINOSTOMA—Continued.

- columba livia* Mueller, 1897, 26, pl. 3, fig. 7 (in *Columba livia*).
- conoides* (Bloch, 1782) Kowal., 1896, 5; 1897c, 554–565; 1897e, 407–408; 1898h, 111; 1902d, 27 (in *Anas boschas* dom.; Dublany); 1904, 24 (in *Anas boschas* dom.; Dublany).—Galli-Valerio, 1898m, 923.—Looss, 1899b, 581.—Rail., 1898, 412.—Stoss., 1899, 13 (in *Anas boschas*).
- coronatum* (Rud., 1819) Stoss., 1892, 30–31 (in *Didelphys virginiana*; Brazil); 1892, 37; 1899, 14.—Braun, 1901e, 319, 320 (to *Rhopalias*).—Looss, 1899b, 581.
- coronatus* (Wagener, 1852) Stoss., 1898, 56–57 (in *Corvina nigra*; Triest).—Type of *Anoiktost*. 1899.
- cristatum* (Rud., 1819) Cobbold, 1860a, 37 (in *Stromateus fiatola*).
- croaticum* (Stoss., 1889) Stoss., 1892, 165–166 (in *Carbo graculus*; Fiume); 1899, 12.—Looss, 1899b, 580.—Par., 1902, 1, 4 (in *Phalacrocorax graculus*; Caproja).—
- crocodili* (Poir., 1886) Stoss., 1895, 227–228 (in *Crocodilus siamense*); 1899, 12.—Looss, 1899b, 575, 580.—Odhn., 1902, 20.
- denticulatum* (Rud., 1802) Cobbold, 1860a, 36.—Looss, 1899, 581.—Stoss., 1892, 170–171 (in *Sterna cantiaica*, Vienna; *S. hirundo*, Greifswald; *Hydrochelidon nigra*, *Anas sponsa*); 1899, 14.
- dilatatum* (Fischer, 1840) Cobbold, 1860a, 35 (in *Phasianus gallus*).—Hass., 1896a, 3 (syn. of *Echinost. echinatum* (Zed.)).—MacCallum, 1904, 547.—Stoss., 1892, 167.
- dujardini* MacCallum, 1904, 547, for *dujardinii*.
- dujardinii* Cobbold, 1860a, 37 (in *Pleuronectes maximus*, *P. platessa*); see *Dist. hystrix* Duj.
- echinatum* (Zed., 1803) Blainv., 1828a, 588.—Baird, 1853a, 55.—Braun, 1906, 142 (in ducks and geese).—Cobbold, 1860a, 33.—Galli-Valerio, 1898m, 923.—Hass., 1896a, 3 (syns., *D. ech.*, *D. oxycephalum*, *D. dilatatum*, *D. armatum*, *Echinost. dilatatum*) (in *Gallus* dom.).—Kowal., 1894, 221; 1896, 257 (in *Corvus cornix*, *Anas crecca*); 1898g, 70; 1898h, 111, 113, 115, 116, 117, fig. 27; 1902d, 27 (in *Anas boschas* dom.; Dublany); 1904, 24 (in *Anas boschas* dom.; *Gallus* dom.; Dublany).—Linst., 1893, 333 (larva in *Bythinia ventricosa*, *Physa fontinalis*, *Valvata macrostoma*, *Limnæa palustris*).—Looss, 1899b, 575, 580, 679–684, 687, 693; figs. 5, 7, 10; 1901b 201, 209; 1902m, 823.—Luehe, 1898, 625; 1901, 175.—MacCallum, 1904, 547, 548.—Mueh., 1898, 21; 1898, 71 (in *Edemia fusca*, *Colymbus arcticus*, *Ciconia alba*, *Buteo vulgaris*).—Nicoll, 1906, 154.—Nord., 1840, 621 (syn. of *Fasc. trigonocephala*).—Rail., 1898, 412.—Sons., 1897, 252.—Stiles & Hass., 1898a, 88.—Stoss., 1892, 167 (syns. *Dist. anatis fuscæ*, *D. armatum*, *D. dilatatum*, *D. ech.*, *D. fuligulæ ferinæ*, *D. oxycephalum*, *D. radiatum*, *Ech. dilatatum*, *Fasc. anatis*); 1896, 127; 1898, 52; 1899, 12.—Wolffhüegel, 1900, 9, 57, 58, 59, 60, 61.—Reported for *Anas anser*, *A. boschas*, *A. clangula*, *A. clypeata*, *A. cygnus*, *A. ferina*, *A. fuligula*, *A. marila*, *A. moschata*, *A. nyroca*, *A. olor*, *A. penelope*, *A. strepera*, *A. tadorna*, *Anser albifrons*, *Archibuteo vulgaris*, *Ardea comata*, *A. gardeni*, *A. grus*, *A. nycticorax*, *A. pavonia*, *Balæarica pavonia*, *Bucephala clangula*, *Carbo cormoranus*, *C. pygmaeus*, *Canis familiaris*, *Chaulelasmus streperus*, *Ciconia alba*, *C. nigra*, *Colymbus arcticus*, *Coracias garrula*, *Fuligula cristata*, *Grus cinerea*, *Machetes pugnax*, *Mareca penelope*, *Pernis apivorus*, *Podiceps cristatus*, *P. minor*. Larva in: *Lymnæus stagnalis*, *Paludina vivipara*, *P. achatina*, *Planorbis corneus*.
- echiniferum* (La Valette, 1855) Stoss., 1892, 171 (in *Scolopax gallinago*, *Mergus merganser*, *Anas boschas*, *Podiceps minor*); 1899, 14.—Looss., 1899, 581.—Wolffhüegel, 1900, 9, 56.
- echinocephalum* (Rud., 1819) Cobbold, 1860a, 34–35 (in *Falco milvus*).—Looss, 1899b, 581, 687, 696.—Stoss., 1892, 173–174 (in *Milvus regalis*); 1899, 14.
- elegans* Looss, 1899b, 692–693, fig. 18 (in *Phenicopterus roseus*; Ghizeh).
- curyporum* Looss, 1896b, 144–146, pl. 9, fig. 93 (in *Milvus parasiticus*; Cairo; also in *Ardea cinerea*); 1899b, 580, 686–687, 690, 696, fig. 16, 17.—Fuhrmann, 1904, 62.—Stoss., 1899, 12.
- fallax* (Rud., 1819) Cobbold, 1860a, 37.—Looss, 1902m, 823.—Stoss., 1898, 56 (in *Uranoscopus scaber*; Triest).
- ferox* (Rud., 1795) Blainv., 1828a, 588.—Cobbold, 1860a, 35.—Kowal., 1902d, 28.—Looss, 1899, 581, 687; 1902m, 817.—Luehe, 1905, 176.—Mueh., 1898,

ECHINOSTOMA—Continued.

- 21, 23, 102–105, fig. 14.—Nord., 1840, 622 (as syn. of *Fasc. trigonocephala*).—Odhn., 1902, 38 (represents a new [unnamed] genus).—Stiles & Hass., 1898a, 88.—Stoss., 1892, 164–165 (in *Botaurus stellaris*, *Ciconia alba*, *C. nigra*; Padova, Vienna, Greifswald, Rennes); 1899, 13.
- flexum* (Lint., 1892) Stoss., 1899, 13 (in *Ædemia americana*).—Looss, 1899b, 581.
- fralichii* (Kowal., 1894) Kowal, 1894, 222; 1898h, 111, syn. of *E. conoideum* (Bloch).—Stoss, 1899, 13 (in *Anas boschas*).
- gadorum* Ben., 1870, 60 (in *Merlangus carbonarius*; Belgian coast).—Hoyle, 1890, 539.—MacCallum, 1904a, 547.
- garzettæ* MacCallum, 1904a, 541–548, 1 fig. (in *Garzetta nigripes* Temm.; Benakat); 1904, Oct., 532.
- hispida* of Ben., 1870, pl. 4, fig. 13.—Odhn., 1902, 157 (syn. of *Deropristis inflata*).
- hispidum* (Abildg., 1819) Cobbold, 1858b, 171, figs. 47–50; 1879b, 462, fig. 77 (in sturgeon).—Ben., 1870, 23, pl. 4, figs. 12–13.—Mont., 1893, 83.—Odhn., 1902, 155, 156, 159 (type of *Deropristis*), 157 (fig. 13 of Ben., 1870=*D. inflata*).—Stoss., 1898, 57–58 (in *Acipenser sturio*; Trieste); 1899, 14.
- imbutiforme* (Mol., 1859) Stoss., 1898, 55–56 (in *Labrax lupus*; Trieste).
- incrassatum* (Dies., 1850) Cobbold, 1860a, 33 (in *Lutra solitaria*; Brazil).—Braun, 1901e, 317, 328, pl. 19, figs. 5, 8, 9.—Fuhrmann, 1904, 64.—Looss, 1899, 581.—Stoss., 1892, 30 (in *Lutra solitaria*; Brazil); 1899, 14.
- inermis* Fuhrmann, 1904, 63–64, fig. 4 (in *Lutra*).
- inflatum* (Mol., 1859) Stoss., 1898, 58 (in *Anguilla vulgaris*; Trieste).
- labracis* (Duj., 1845) Ben., 1870, 45.—MacCallum, 1904a, 547.
- laticolle* (Rud., 1819) Par., 1899, 5 (in *Trachurus trachurus*; Rimini, Naples); 1902, 4 (in *Corvina nigra*; *Seriola dumerili*; Elba).—To Tergestia in 1899.
- leptosomum* (Crep., 1829) Cobbold, 1860a, 35 (in *Tringa variabilis*, *Chalidris arenaria*).—Looss, 1899b, 580.—Nicoll, 1906, 517.—Stoss., 1892, 169; 1899, 12.
- lidie* Par., 1902, 6, for *lydiæ*. (in *Orthagoriscus mola*; Tonnara d'Enfola).
- liliputanum* Looss, 1896b, 141–143, pl. 9, figs. 91–92 (in *Pernis apivorus* at Alexandria, Egypt; *Milvus parasiticus* at Matarijeh); 1899b, 575, 580, 696; 1901b, 200, 201, 202, 209; 1902m, 816, 817 (form from cat represents a new genus), 818.—Stoss., 1899, 12.
- lydiæ* Stoss., 1896, 190–191, pl. 8, fig. 1 (in *Orthagoriscus mola*; Trieste); 1898, 55.—Barbagallo & Drago, 1903, 411 (in *O. m.*; Catania).—Looss, 1901e, 605, type of *Dihemistephanus*.—Par., 1902, 6 (*lidie*) (in *O. m.*; Tonnara d'Enfola).
- magnivatum* Stoss., 1898, 53–54 (in *Puffinus kuhlii*; Trieste); 1899, 13.—Looss, 1899b, 581; 1901b, 209; 1901e, 596.
- militare* (Rud., 1803) Cobbold, 1860a, 34; 1879b, 436, 437.—Kowal., 1902d, 28.—Looss, 1899b, 581.—Stoss., 1892, 163–164 (in *Numenius arquatus*, *Scolopax gallinula*, *S. gallinago*, *Ortygometra porzana*); 1899, 13.—Also reported for *Limnocyrtus gallinula*.
- mordax* Looss, 1899b, 688, 690, fig. 9 (in *Pelecanus onocrotalus*; Egypt).—Kowal., 1904, 19 (in *Podiceps auritus*; Dublany).
- nephrocephalum* (Dies., 1850) Cobbold, 1860a, 36 (in *Turdus saxatilis*).—Looss, 1899b, 581.—Stoss., 1892, 174; 1899, 14 (in *T. sax.*).
- nigroflavum* (Rud., 1819) Barbagallo & Drago, 1903, 410 (in *Orthagoriscus mola*; Catania).
- orycephalum* (Rud., 1819) Rail., 1896, 160.
- pendulum* Looss, 1899b, 580, 688–692, 693, 697, figs. 13, 15b, c (in *Recurvirostra avocetta*; Adeleninsel, Egypt, Feb.).—Fuhrmann, 1904, 62.
- perlatum* (Rud., [=Nord., 1832]) Barbagallo & Drago, 1903, 410–411 (in *Tinca vulgaris*; Catania).
- phœnicopteri* Luehe, 1898g, 625 (in *Flamingo*; Berberei); 1899e, 235.—Looss, 1899b, 580, 693 (in *Phœnicopterus ruber*).—Stoss., 1899, 12 (Barbary).
- pristis* (Deslongchamps, 1824) Cobbold, 1860a, 36 (in *Merlangus communis*).—Looss, 1899, to *Stephanost.*—Stoss., 1898, 54–55 (in *Gadus euxinus*; Trieste).
- pseudoechinatum* (Olss., 1876) Stoss., 1892, 166 (in *Larus marinus*; Scandinavia); 1899, 13.—Kowal., 1902d, 27.—Looss, 1899b, 581, 685–686, 690, 691, 692, figs. 11, 12, 15.—Mueh., 1898, 21–22.—Also reported for *Larus fuscus*.

ECHINOSTOMA—Continued.

- pungens* (Linst., 1893) Stoss., 1899, 14 (in *Podiceps minor*).—Looss, 1899b, 581.—MacCallum, 1904a, 547.
- ramosus* Sons., 1895, 123–124 (in *Babulcus ibis*; Nile Delta).—Looss, 1899, 581; 1901, 201.—MacCallum, 1904a, 547.—Odhm., 1902, 38.
- recurvatum* (Linst., 1873) Stoss., 1892, 162–163 (in *Fulix marila*; Ratzeburg); 1899, 12.—Looss, 1899b, 580, 693.—Kowal., 1894, 220; 1902d, 27; 1904, 24 (in *Anas boschas dom.*, *Gallus dom.*; *Dublany*).—MacCallum, 1904a, 547.—Rail., 1898, 412.—Also in *Fuligula marila*.
- revolutum* (Frelich, 1802) Looss, 1899, 680.
- scabrum* (Mueller, 1788) Cobbold, 1860a, 37 (in *Lota molva*, *Gadus morrhua*).
- secundum* Nicoll, 1906, 514, 515–518, pl. 12, figs. 1–3 (in *Hæmatopus ostralegus*, *Larus argentatus*, *L. ridibundus*).
- serratus* (Dies., 1850) Cobbold, 1860a, 35 (in *Anas scolopaceus*; Brazil).—Looss, 1899b, 581.—Stoss., 1892, 171; 1899, 14.
- spatulatum* (Rud., 1819) Kowal., 1898g, 69–71, 76, figs. 1–14, 37 (in *Botaurus minutus* by Bremser); 1898h, 106–121, 158, figs. 1–14, 37 (in *Botaurus minutus*; *Dublany*) (*spatulatum*).—Looss, 1899b, 575, 581.—Stoss., 1899, 13.
- spatulatum* (Rud., 1819) Kowal., 1898h, 106–121, 158. See also *spatulatum*.
- spiculator* (Duj., 1845) Cobbold, 1860a, 33.—Looss, 1899b, 581.—Stoss., 1892, 28 (in *Mus decumanus*; Hameln, Rennes); 1899, 13.
- spinulosum* (Rud., 1809) Cobbold, 1858b, 165, pl. 33, figs. 68–72 (in *Larus glaucus*); 1860a, 36 (in *Columbus septentrionalis*, *Podiceps cristatus*, *Anas querquedula*, *Uria grylle*, *Carbo graculus*, *Larus argentatus*, *L. capistranus*, *L. glaucus*, *L. ridibundus*, *Anas clangula*, *Numenius arcuatus*); 1879b, 448.—Cohn, 1903, 41 (in *Alca torda*).—Condorelli, 1897, in 118–124 (in *Hydrocolæus minutus*).—Gilbert, 1905, v. 39, 925–927, 1 fig.—Looss, 1896b, 141; 1899b, 580, 687, 689, 690, 691.—Mueh., 1898, 22.—Nicoll, 1906, 154; 1906, 516, 517.—Par., 1899, 5; 1902, 4 (in *Fulica atra*; Elba).—Stoss., 1892, 169–170 (in *Querquedula circia*, *Phalacrocorax graculus*, *Larus argentatus*, *L. capistranus*, *Uria grylle*, *Totanus fuscus*, *Numenius arquatus*); 1896, 127 (in *Numenius tenuirostris*; *Monfalcone*); 1898, 52–53 (in *Larus ridibundus*, *Numenius tenuirostris*, *Podiceps cristatus*; Trieste); 1899, 12.—Wolffhuegel, 1900, 9, 56 (in *Machetes pugnax*), 62.—Also reported for *Bucephala clangula*, *Chrocephalus minutus*, *Fulica atra*, *Larus fuscus*.
- tabulatum* Mueller, 1897, 21–22, pl. 3, fig. 5 (in *Numenius arquatus*).—MacCallum, 1904a, 547.
- trigonocephalum* (Rud., 1802) Cobbold, 1860a, 33.—Kowal., 1902d, 27; 1904, 25 (in *Putorius foetidus*; *Dublany*).—Looss, 1899b, 581; 1902m, 823.—Mueh., 1898, 22.—Stoss., 1892, 29–30 (syns. *Fasc. putorii*, *F. trig.*, *Dist. trig.*) (in *Erinaceus europæus* at Padova, Vienna; *Meles taxus* at Warnemünde; *Mustela foina*; *Lutra vulgaris*; *Putorius lutreola*; *P. communis* at Padova, Vienna; *Putorius vulgaris* at Venezia, Greifswald; *Vulpes vulgaris*); 1899, 13.
- umbonatum* Odhm., 1902, 21–22 (in *Krokodil*; Nile).
- uncinatum* (Zed., 1803) Cobbold, 1860a, 35 (in *Gallinula chloropus*).—MacCallum, 1904a, 547.—Stoss., 1892, 172 (= *E. cinctum*) (in *Vanellus cristatus*, *V. melanogaster*, *Gallinula chlor.*; Rostock).
- (ECHINOSTOMA) Rud., 1809a, 37–38, 415–429 (tld. *echinatum*); a. subg. of *Dist.* See also *Echinost.*
- acanthoides* Rud., 1819a, 114, 415–416 (in *Phoca vitulina*; Berlin). See *Echinostoma*.
- annulatum* (Dies., 1850) Stoss., 1886, 63. See *Echinost.*
- apiculatum* (Rud., 1803) Rud., 1809a, 423. See *Echinost.*
- areolatum* (Rud., 1809) Stoss., 1886, 60.
- bicoronatum* (Stoss., 1883) Stoss., 1886, 58.
- bilobum* Rud., 1819a, 114, 416 (in *Tantalus falcinellus*). See *Echinost.*
- campanula* (Duj., 1845) Stoss., 1886, 62.
- cesticillus* (Mol., 1858) Stoss., 1886, 57. See *Echinost.*
- cinctum* (Rud., 1803) Rud., 1809a, 422–423. See *Echinost.*
- contortum* Rud., 1819a, 118 (in *Orthogoriscus mola*; Naples).

(ECHINOSTOMA)—Continued.

- coronarum* (Cobbold, 1861) — ? —, 1896.
coronatum Rud., 1819a, 686 (in *Didelphis virginiana*). See Echinost.
coronatum (Wagener, 1852) Stoss., 1886, 58. See Echinost.
corvinæ (Stoss., 1886) Stoss., 1886, 58.
cristatum Rud., 1819a, 117 (in *Stromteus fiatola*; Arimini). See Echinost.
denticulatum (Rud., 1802) Rud., 1809a, 424–425. See Echinost.
echinatum (Zed., 1803) Rud., 1809a, 418–420. See Echinost.
echinocephalum Rud., 1819a, 115 (includes *D. milvi.*) (in *Falco milvus*). See Echinost.
ellipticum Stoss., 1886, 64, for *ellipticum* (Mol., 1858).
exasperatum Rud., 1819a, 117 (in *Sorex eremita*).
fallax Rud., 1819a, 117 (in *Uranoscopus scaber*; Naples). See Echinost.
ferox (Rud., 1795) Rud., 1809a, 426–427. See Echinost.
hemicyclum (Mol., 1859) Stoss., 1886, 60.
hispidum (Abildg., 1819) Rud., 1819a, 118, in *Accipenser sturio*; Arimini, Berlin; includes *D. sturionis*. See Echinost.
hystrix Duj., 1845a, 433 (in *Pleuronectes maximus*, *P. platessa*).
imbutiforme (Mol., 1859) Stoss., 1886, 59. See Echinost.
incrassatum (Dies., 1850) Stoss., 1892, 30. See Echinost.
increscens (Olss., 1868) Stoss., 1886, 58.
inflatum (Mol., 1859) Stoss., 1886, 63. See Echinost.
labracis (Duj., 1845) Ben., 1870, 1871a, 24 (in *Labrax lupus*; Belgium). See Echinost.
laticolle Rud., 1819a, 117 (in *Caranx trachurus*; Naples and Arimini). See Echinost.
leptosomum (Crep., 1829) Duj., 1845a, 428. See Echinost.
lima Rud., 1809a, 427–429.
militare (Rud., 1803) Rud., 1809a, 421–422. See Echinost.
nulli (Stoss., 1883) Stoss., 1886, 59.
nigroflavum Rud., 1819a, 118 (in *Orthogoriscus mola*; Naples).
oculatum (Levin., 1881) Stoss., 1886, 58.
perlatum (Nord., 1832) Stoss., 1886, 62. [Type of *Asymphyllodora*.]
planicolle Rud., 1819a, 686 (in *Pelecanus sula*; Brazil).
polonii (Mol., 1859) Stoss., 1886, 58.
pristis (Deslongchamps, 1824) Duj., 1845a, 433. See Echinost.
rachion (Cobbold, 1858) Stoss., 1886, 61.
radiatum Duj., 1845a, 385, 427–428 (in *Carbo cormoranus* or *Pelecanus carbo*).
radula Duj., 1845a, 433–434 (in *Lymnæus palustris*; Rennes).
scabrum (Mueller, 1784) Rud., 1819a, 118. See Echinost.
semiarmatum (Mol., 1858) Stoss., 1886, 64.
sobrinum (Levin., 1881) Stoss., 1886, 58.
sophiæ (Stoss., 1886) Stoss., 1886, 59.
spatulatum (Rud. [Crep., 1837]) Par., 1902, 4 (in *Ardeetta minuta*; Portoferraio).
spiculator Duj., 1845a, 424–425 (in *Mus decumanus*; Rennes). See Echinost.
spinulosum Rud., 1809a, 425 (in *Larus nævius*, *L. cinerarius* and *Colymbus septentrionalis*). See Echinost.
trigonocephalum (Rud., 1802) Rud., 1809a, 415–418. See Echinost.
uncinatum (Zed., 1803) Rud., 1809a, 420–421. See Echinost.
valideinflatum (Stoss., 1883) Stoss., 1886, 58.
viviparum (Olss., 1868) Stoss., 1886, 60.

ECHINOSTOMIDÆ Looss, 1902m, 817.

ECHINOSTOMINÆ Looss, 1899b, 543, 579; 1902, 839.—Braun, 1901.—Nicoll, 1907, 80.—Pratt, 1902a, 888 (includes: *Echinost.*, *Stephanochasmus*, *Dihemi-stephanus*, *Stephanoprora*; related genus *Rhopalias*), 895 (key).

ECHINOSTOMUM. See Echinostoma.

EMISTOMUM Sons., 1889, 192, apparently for Hemistomum.

alatum (Goeze, 1782) Sons., 1889, 192.

EMOLEPTALEA Looss, 1900d, 602, Leptalea Looss, 1899 [nec Klug, 1839] renamed, hence type exilis.—Pratt, 1902a, 889, 901 (key).

ENCHELYS Mueller, 1786.—Nitzsch, 1827, 68 (contains Cerc. podura, C. viridis).—[Not Enchelys for Echelus Raf., 1810, fish.]

ENCOTYLLABIDÆ Mont., 1888, 108 (for Encotyllabidæ).

ENCOTYLLABE Gamb., 1896a, 73 (for Encotyllabe).

ENCOTYLLABE Dies., 1850a, 290, 427–428 (m. nordmanni); 1858e, 313, 364.—Ben. & Hesse, 1864, 66, 79–81.—Braun, 1890a, 412, 415, 469, 477, 498, 511, 515, 516, 519, 523, 525, 526, 529; 1893a, 889.—Carus, 1863, 477.—Gamb., 1896a, 73 (Encotyllabe).—Goldb., 1855a, 20.—Massa, 1906, 43, 48.—Mont., 1888a, 7, 10, 13, 16, 66 (Encotyllabe), 86, 87, 97; 1891, 122; 1892, Oct. 7, 213 (gen. of Encotyllabinae); 1899, 98, 99; 1903, 335 (subf. Encotyllabinae; fam. Tristomidæ).—Pratt, 1900, 646, 649 (key), 655, fig. 11.—Tasch., 1878, 566 (syn. of Trist. Cuv.).

1888: Encotyllabe Mont., 1888a, 66 (for Encotyllabe).

1896: Encotyllabe Gamb., 1896a, 73 (for Encotyllabe).

nordmanni Dies., 1850a, 428 (syn. Trist. excavatum Nord. MS.) (in Brama mediterranea); v. 14, 70, pl. 1, figs. 1–14; 1858e, 364 (in Br. rayi).—Braun, 1890a, 418, 530, 547, 550 (normanni).—Kroyer, 1838–40a, 595 (in Br. rayi Bl.).—Mont., 1891, 122.—Pratt, 1900, 655, 657, fig. 11.—Tasch., 1878, 564, 565, 568 (to Trist.).

normanni Braun, 1890a, 550 (for nordmanni).

pagelli Ben. & Hesse, 1864, 80–81, pl. 7, figs. 1–11 (in Pagellus centrodonotus).—Braun, 1890a, 411, 418, 419, 530, 547, 551.—Cunningham, 1887a, 278.—Gamb., 1896a, 58, fig. 25A.—Mont., 1888a, 7, 15, 66; 1891, 122.—Tasch., 1878, 569 (to Trist.).

species Par. & Perugia, 1890, 6 (in Crenilabrus pavo).—Braun, 1890a, 530, 547, 550.

ENCOTYLLABIDÆ Mont., 1888, 87, 88, 97, 108 (Encotyllabidæ); 1891, 108, 122.—Braun, 1890a, 517.

ENCOTYLLABINÆ Mont., 1892, Oct. 7, 213 (subf. of Tristomidæ); 1903, 335 (fam. Tristomidæ).—Braun, 1893a, 889.—Pratt, 1900, 646 (Encotyllabe), 649 (key).

ENCOTYLLABE Mont., 1888, 166, misprint for Encotyllabe.

ENODIA Looss, 1899b, 592–593, 633, 710 (m. megachondrus); *ἐνὸδιος*, am Wege; [not Enodia Huebn., 1816, lepidopteron; not Enodia Dahlb., 1843, hymenopteron; not Enodius, Lap., 1836, coleopteron]; 1900, 602 (renamed Enodiotrema Looss, 1900); 1902, 515.—Braun, 1901a, 23; 1901b, 23.—Stiles, 1901r, 189.

megachondrus Looss, 1899b, 593, 709–710, fig. 30, in Testudo (græca?); 1902, 508 (to Enodiotrema).—Braun, 1901a, 23, 24.—Luehe, 1900, 561.

ENODIOTREMA Looss, 1900, Dec. 3, 602, Enodia Looss, 1899 [nec Huebn., 1816], renamed, hence type megachondrus; 1901l, 562, 563; 1902m, 508, 512, 514, 515, 516, 584, 788, 824, 838.—Braun, 1901a, 23; 1901b, 26.—Cohn, 1902, 882.—Heymann, 1905, 93.—Odh., 1902, 38, 40, 41, 42, 153.—Pratt, 1902a, 888 (related to Plagiiorchiinae), 900 (key).

acariæum Looss, 1902m, 415, 417, 517–519, pl. 24, figs. 50–54 (in Thalassochelys corticata; Egyptian coast), 873, pl. 24, figs. 50–54.

instar Looss, 1901l, 562, 563 (in Thalassochelys corticata); 1902m, 516–517, 873, pl. 24, figs. 45–46.—Braun, 1902b, 24, fig. 9.

megachondrum (Looss, 1899) Braun, 1901b, 23, 24, fig. 9 (for megachondrus) includes “Monost. cacouanæ Kollar,” in Thalassochelys caouana=T. caretta.

megachondrus (Looss, 1899) Looss, 1901l, 561–562, 563 (in Chelone mydas, Thalassochelys corticata; Egypt); 1902m, 414, 415, 417, 508–516, pl. 24, figs. 41–44, 517, 788, 872, pl. 24, figs. 41–44.—Odh., 1902, 153.

reductum Looss, 1901l, 562–563 (in Thalassochelys corticata); 1902m, 517, 518, 519, 873, pl. 24, figs. 47–49.

ENTOBDELLA Audouin, 1828a, 455, “Il paraît que Blainv. a désigné ce genre sous le nom d’Entobdelle.”—Braun, 1890a, 518.—Johnston, 1865, 30, 32.

hippoglossi (Mueller, 1776) Johnston, 1856, 32 (syns. Hirudo hip. Mueller, Phylline hip. Lam., Trist. hamatum), on Hippoglossus vulg.

- EPIBATHRA** Looss, 1902m, 576, 577, 581, 582, 584, 589, 594, 597, 600, 601, 602, 603, 609, 612, 614-615, diagnosis (m. crassa).
crassa (Looss, 1901) Looss, 1902m, 414, 416, 557, 575-578, 615, 876, pl. 26, figs. 83-88, 888, pl. 32, figs. 179-180.
- EPIDELLA** Blainv., 1828a, 567 (m. hippoglossi).—Ben., 1858a, 1861a, 11, 18-21, 61, 167, 168, 169, 170, 176, 190, 194.—Ben. & Hesse, 1864, 64, 66, 68-70.—Brand., 1894a, 308.—Braun, 1890a, 412, 414, 415, 423, 429, 451, 453, 465, 466, 469, 473, 484, 490, 495, 511, 515, 516, 517, 518, 519, 522, 523, 526, 527; 1890e, 597; 1891d, 422; 1893a, 889.—Carus, 1863, 477.—Dies., 1850a, 426 (syn. Phylline Oken).—Fraip., 1880c, 416, 445; 1881b, 28.—Gamb., 1896a, 73.—Goto, 1893a, 798.—Haswell, 1892a, 458.—Jackson, 1888, 646 (excretory system), 647 (rep. syst.), 648.—Johnston, 1865a, 32.—Kroyer, 1843-45a, 404 (in *Hippoglossus maximus* Mind.).—Lint., 1901a, in 267-304, 11 pls.—Maclaren, 1904, 593.—Massa, 1906, 43, 48, 49.—Mont., 1888a, 10, 11, 13, 16, 19, 28, 35, 36, 42, 52 (*Epidella*), 55, 57, 66, 84, 86, 87, 97; 1891, 100, 104, 105, 106, 107, 111, 114, 115, 116, 117, 118, 120, 124, 125 (*Epidella*), 130; 1892, Oct. 7, 172, 186, 187, 213 (gen. of *Tristominae*) (syn. *Phyllonella*); 1893, 8, 210; 1899, 92, 96, 98, 100, 101; 1902b, 137-145, figs. 1-4; 1902c, July 1, 401; 1903, 335 [= *Phyllonella*] (subf. *Ancyrocotylinæ*) (f. *Tristomidae*); 1905, 75.—Pratt, 1900a, 646, 648 (key) (on skin of marine fishes), 658.—Scott, 1901, 142; 1905, 117 (*Epidella*).—St.-Remy, 1898, 532.—Tasch., 1878, 566 (syn. of *Trist. Cuv.*).
 1891: *Epidella* Mont., 1891, 125 (for *Epibdella*).—Scott, 1905, 117.
 1888: *Epibdella* Mont., 1888, 52 (for *Epibdella*).
- bumpusii* Lint., 1900a, 267, 269, 275, 286-287, pl. 34, figs. 11-15 (in *Dasyatis centrura*; Woods Hole, Mass.); 1901, 414, 433, 461.—Heath, 1902, 112.—Mont., 1902, 137, 138, 140, 141, 142, 143, 145.—Pratt, 1900a, 655, fig. 5, 657, 658 (key).
- diadema* Mont., 1902, v. 15, 137-145, figs. 1-4 (in *Trygon violacea*), 143 to (*Phylline*); 1902, July 1, 401; 1905, 75.
- hendorfii* (Linst., 1889) Goto, 1894, 233 (in *Coryphæna hippurus*).—Braun, 1890a, 418, 429, 437, 441, 444, 453, 460, 469, 470, 472, 473, 474, 490, 527, 547, 550.—Heath, 1902, 112 to (*Phylline*).—Linst., 1904, 678.—Mont., 1891, 101, 105, 107, 108, 115, 119, 120, 125, 126, 130, pl. 5, fig. 8, pl. 6, fig. 22; 1892, Oct. 7, 172 (*hendorfii*); 1893, 49; 1902, 137, 138, 142, 143, 144 (*hendorfii*).
- hendorfi* Mont., 1902, 144 (for *hendorfii*).
- hendorfii* Mont., 1892, Oct. 7, 172 (for *hendorfii*).
- hippoglossi* (Mueller, 1776) Blainv., 1828a, 567.—Ben., 1858a, 1861a, 21-23, 36-37, 167, 195, pl. 2, figs. 1-10, pl. 3, figs. 1-8 (includes *Tertia pediculorum* sp. Baster; *Trist. hamatum* Rathke) (in *Pleuronectes hippoglossus*).—Ben. & Hesse, 1864, 69 (in *Hippoglossus vulgaris*).—Braun, 1889k, 621; 1890a, 411, 419, 423, 438, 441, 444, 445, 453, 458, 475, 483, 488, 519, 527, 547, 551; 1890c, 597.—Dies., 1850a, 427 (to *Phylline*); 1859c, 437 (to *Phylline*).—Gamb., 1896a, 55, fig. 22c.—Heath, 1902, 111.—Linst., 1901, 280.—Massa, 1906, 49.—Mont., 1888a, 13, 19, 53 (*hippoglossus*); 1891, 105, 106, 107, 111, 114, 115, 116, 118, 119, 120, 125, 126, 130, pl. 5, figs. 5, 6, pl. 6, figs. 24, 25; 1892, Oct. 7, 172; 1899, 96; 1902, 137, 138, 140, 141, 142, 143, 144, 145; 1905, 75.—Odhn., 1905, 370-372 (syn. *Trist. hamatum*).—Par., 1896, 1 (in *Hippog. vulg.*; North Sea).—Schoett, 1896, 253-265, 1 pl.—Scott, 1901, 142 (in *Halibut*; Scotland); 1905, 117 (*Epidella*).—Staff., 1904, May 3, 482 (on *Hippog. hippoglossus*; Canada).—St.-Remy, 1898, 532.—Tasch., 1878, 568 (to *Trist.*).—Also reported for *Hippoglossus maximus*.
- hippoglossi* var. *pleuronectes* Mont., 1889, 117 (MS. name in Leuck. Coll., renamed *Trist. uncinatum*).
- hippoglossii* Ben., 1858a, 1861a, 21 (for *hippoglossi*).
- hippoglossus* Mont., 1888, 53, for *hippoglossi*.
- ishikawæ* Goto, 1894a, 234-235, pl. 26, figs. 1-3 (on *Lethrinus*; Hagi, Japan, August).—Mont., 1899, 96; 1902, 137, 142, 143.—St.-Remy, 1898, 532-533 (*ishikawai*).
- ishikawai* St.-Remy, 1898, 532-533, for *ishikawæ*.
- monticelli* Mont., 1902, 143 for *monticellii*.
- monticellii* (Par. & Per., 1895) Par., 1896, 1 (in *Mugil auratus*; Italy) to (*Phylline*).—Mont., 1902, 137, 142, 143 (*monticelli*).—St.-Remy, 1898, 533-534.
- ovata* Goto, 1894a, 234-237, pl. 26, figs. 4-8 (in *Anthias schegellii*; Misaki, Japan, August).—Mont., 1899, 96; 1902, 137, 142, 143.—St.-Remy, 1898, 533.

EPIBDELLA—Continued.

producta Linst., 1903, 354–356, figs. 5–6 (in *Solea vulgaris*).—Odh., 1906, 65–66 (syn. of *E. soleae*).

sciænæ Ben., 1856, 502–508, 1 pl., figs. 1–4 (on *Sciænæ aquila*; Italy); 1858a, 1861a, 23–37, 195 (in *Sc. aq.*).—Ben. & Hesse, 1864, 69–70 (*E. sciænæ*, syn. of *Benedenia elegans*).—Braun, 1890a, 411, 419, 518, 527, 547, 552.—Fraip., 1880c, 442 (*sciænæ*).—Goto, 1894a, 233; 1899, 269–270, pl. 20, figs. 8–9.—Massa, 1906, 49.—Mont., 1888, 13, 87; 1891, 105, 107, 120, 125, 126, pl. 6, fig. 23; 1893, 4; 1902, 137, 141, 142, 143, 144, 145; 1905, 75.—Par., 1896, 1 (in *Sc. aq.*; Italy).—Sons., 1891, 263.—Tasch., 1878, 564, 565 (to Trist.).

sciænæ Fraip., 1880c, 442 (for *sciænæ*).

sciænæ Ben. & Hesse, 1864a, 69–70 (for *sciænæ*, syn. *Benedenia elegans*).

soleæ (Ben. & Hesse, 1863) Mont., 1890, 419; 1891, 105, 106, 107, 109, 111, 115, 116, 118, 119, 120, 124, 125, 126, 130, pl. 5, fig. 7, pl. 6, figs. 26–30; 1892, Oct. 7, 172; 1902, 137, 138, 139, 140, 142, 143, 144, 145.—Linst., 1903, 356.—Odh., 1906, 65–66 (syn. *E. producta*).—Par., 1896, 1 (in *Solea vulgaris*; France), to (*Phyllonella*).

squamula Heath, 1902a, 109–136, pls., 15, 16, figs. 1–19 (in *Paralichthys californicus*); 1902b, 843.—Massa, 1906, 49.—Mont., 1905, 75–76, to (*Phylline*).—Odh., 1905, 371.

EPIDELLA Mont., 1891, 125, for Epibdella q. v.

hippoglossi (Mueller, 1776) Scott. 1905, 117.

EPIHDELLA Mont., 1888, 52, for Epibdella q. v.

ERPOCOTYLE Ben. & Hesse, 1863, 87; 1864a, 87 (m. *lævis*).—Braun, 1890a, 413, 415, 416, 511, 516, 517, 523, 538, 539, 546; 1893a, 890.—Gamb., 1896a, 73.—Hoyle, 1890, 539 (one species from gills of *Mustelus lævis*).—Mont., 1888a, 8, 11, 13, 86, 89, 100; 1892, Oct. 7, 213 (gen. of *Polystominae*); 1903, 336 (subf. *Diaphorocotylinae*).—Pratt, 1900a, 646, 651 (key, “on gills of *Mustelus*”), 656, fig. 24.—Tasch., 1879, 253–254, 255; 1879, 69.

circularis Linst., 1904, 493–494, figs. 18–20 or 1904, 17–18, figs. 1–3 (in *Acipenser ruthenus*).

lævis Ben. & Hesse, 1863, 1864a, 87–89, pl. 7 bis, figs. 1–9 (in *Mustelus lævis*).—Braun, 1890a, 414, 418, 539, 548, 551.—Linst., 1903, 280.—Mont., 1888a, 8, 13.—Pratt, 1900a, 656, fig. 24, 657.—Tasch., 1879, 254 (in *Must. læv.*).

ERTOPDELLA Rathke, 1843, 238 (for Entobdella?).

ETEROCOTYLEA Mont., 1899, 81, 88, 107 (for *Heterocotylea*).

EUBUCEPHALUS Dies., 1855a, 395 (m. *Bucephalus polymorphus*), subg. of *Bucephalus*.

(EUCERCARIA) Dies., 1855a, 385–388 subg. of *Cercaria*; 1858d, 246 (renamed *Acanthocephala*).

brachyura (Dies., 1850) Dies., 1855a, 386; 1858d, 257.

brunnea (Dies., 1850) Dies., 1855a, 387; 1858d, 247.—See *Dist. echinatum*, type of *Echinost.*

chlorotica (Dies., 1850) Dies., 1855a, 386; 1858d, 253.

fallax (Dies., 1850 pars) Dies., 1855a, 387–388; 1858d, 248.

minuta (Nitzsch, 1817) Dies., 1855a, 385.

neglecta (Fil., 1854) Dies., 1855a, 386–387; 1858d, 246.

vesiculosa (Dies., 1850) Dies., 1855a, 385; 1858d, 254.

virgula (Fil., 1837) Dies., 1855a, 386; 1858d, 260.

EUCOTYLE Cohn, 1904, 238 (m. *nephritica*).

nephritica (Mehlis, 1846) Cohn, 1904, 237–238, fig. 4.

EUMEGACETES Looss, 1900, Dec. 3, 602, Megacetes Looss, 1899 [nec Thomas, 1859], renamed, hence type “*triangularis*” of Looss = *emendatus* Braun.—Braun, 1901f, 568; 1902b, 53, 92, 93, 94, 95, 96.—Pratt, 1902a, 889 (related to *Dicrocoeliinae*), 904 (key).

contribulans Braun, 1901f, Apr. 25, 568 (in *Hirundo rustica*); 1901g, 895, 943; 1902b, 54, 93, 95, 96, fig. 54.—Poche, 1907, 126 (syn. of *crassus*).

crassus (Sieb., 1836) Poche, 1907, 126.

EUMEGACETES—Continued.

emendatus Braun, 1901f, 568, new name for *Dist. meropis* of Par. = *Megacetes triangularis* of Looss, not *D. triangulare* Dies.; also in *Caprimulgus europæus*; 1901g, 895; 1902b, 54, 93, 94, 97.—Looss, 1902m, 819, 823.

mediorimus Braun, 1901g, 895–896 (in *Galbula grandis* Lath; Brazil); 1902b, 96, figs. 55, 56.

[*triangularis* of Looss, see *emendatus*.]

EUPOLYCOTYLEA Dies., 1850a, 289, 416 (subtribe of *Polycotylea*).—Braun, 1890a, 515.—Cerf., 1899a, 351.—Goldb., 1855, 18.

EURYCÆLIUM Hoyle, 1890, 539, for *Eurycœlum*.

EURYCÆLUM Brock, 1886a, 543–547 (m. *sluiteri*); 1887a, 186–187 [not *Eurycœlum* Chaudoir, 1848].—Brand., 1891b, 266.—Braun, 1892a, 741, 742, 743, 744; 1893a, 886, 887, 894.—Hoyle, 1890, 539.—Looss, 1902, 839.—Luehe, 1901, 395, 481, 482, 484–488.—Mont., 1888a, 43, 92.—Pratt, 1902a, 889, 904 (key).—Spengel, 1892.—Stiles, 1901, 177.—Stiles & Hass., 1898a, 88, 90, 91 (type, *sluiteri*; syn. of *Hemiurus*).

1890: *Eurycœlum* Hoyle, 1890, 539, for *Eurycœlum*.

sluiteri Brock, 1886a, 543–547 (in *Diacoce metallicus*; Java); 1887a, 186–187.—Brand., 1891b, 265.—Braun, 1892f, 45–48; 1892h, 727–729, 741, 742.—Linst., 1887, —.—Looss, 1894, 234; 1899 (to *Hemiurus*).—Luehe, 1901, 484, 485.—Mont., 1893, 149.—Stiles, 1901, 177.—Stiles & Hass., 1898a, 90.—Zool. Anz., 1892, v. 15, 225.

(EURYSOMA) Duj., 1845a, 388, 406 (m. *squamula*), subg. of *Dist.* [not *Eurysoma* Koch, 1840, arachnoid; not Gistel., 1829; not *Eurysomus* Young, 1866].—Baird, 1853a, 52.—Braun, 1893a, 885, 909.—R. Bl., 1891., 609.—Looss, 1899b, 535; 1902m, 750, 751.—Mont., 1888a, 92.—Stiles, 1901, 165.—Stiles & Hass., 1898a, 88, 98.

squamula (Rud., 1819) Duj., 1845a, 406 (type of *Eurysoma*) (to *D. (Dicrocœlum)* by Stoss., 1892, 20).

EUSTEMMA Dies., 1850a, 287, 317 (m. *caryophyllum*), 1855, 172; 1858e, 312, 322–323.—Brand., 1888a, 12, 13.—Braun, 1893a, 887, 894.—Goldb., 1855, 17.—Hoyle, 1890, 539.—Mont., 1888a, 84, 91.

caryophyllum Dies., 1850a, 317 (in *Falco pileatus*; Rio Parana, Brazil); 1855, 172, pl. 1, figs. 1–5; 1858e, 323.—Brand., 1888a, 5, 65 (syn. of *Holost. eustemma*); 1890a, 593 (syn. of *Holost. eustem.*).—Braun, 1893a, 903.

EURYTREMA Looss, 1907, Feb. 1, 127–134 (tod. *pancreaticum* Janson; Japan).

cœlomaticum (Giard & Billet, 1892) Looss, 1907, Feb. 1, 132–134, fig. 2 (syn. *Dicrocœlum pancreaticum* Rail. & Marotel, 1898).

pancreaticum (Janson, 1889) Looss, 1907, Feb. 1, 128–132, 133, fig. 1.—[Janson, 1889a, is not accessible to us; our earliest reference is Railliet, 1890.]

EXACOTYLE Mont., 1888a, 8 (apparently for *Hexacotyle*); 1891, 109.

thynni De la Roche, 1811a?—Crety, 1892c, 399 (*tynni*).—Mont., 1890, 195; 1891, 129. *tynni* Crety, 1892c, 399 (for *thynni*).

EXACOTYLINÆ Mont., 1905, 77.

FAICIOLA Mueller, 1774, 70, for *Fasciola*.

FASCINIA Raffinesque, 1815, 151 (nomen nudum; g. of *Fasciolaria*; to contain species of *Fasciola*, but these are not named).

FASCIOLA Linn., 1758a, 644, 648–649, includes *hepatica* (type by elimination, also by later designation, and also by first-species rule) and *intestinalis*.—Abildg., 1790, 35 (syns: *Fasc. intestinalis* Linn., *Planaria intest.* Mueller, *Ligula* Bloch, *Fasc. Gœze*), 36 (to *Dist.*), 58.—Ariola, 1900, 426 (of Linn., 1735, = *Schistocephalus*).—Bichringer, 1889a, 654.—Blainv., 1824a, 514; 1828, 585–587.—E. Bl., 1847, 278.—R. Bl., 1888a, 589; 1895, 730.—Bosc., [1802a], v. 1, 263–268.—Brand., 1888a, 8.—Braun, 1892a, 674; 1893a, 883, 885, 893, 894, 908; 1895b, 138; 1900a, 1643, 1668; 1903, 3 ed., 147.—Cobbald, 1879b, 15, 1883, 401 (syn. of *Dist.*); 1883x, 514; 1883v, 500.—Crep., 1837a, 309; 1845b, 20–22.—Cuv., 1817a, 40.—Deslongchamps, 1824o, 386.—Dies., 1850a, 307 (of Gmelin, syn. of *Hemist.*), 312 (of Gmelin, syn. of *Holost.*), 318 (of Schrank; syn. of *Diplodiscus*), 319 (of Gœze, syn. of *Monost.*), 331 (of Linn., syn. of *Dist.*), 400 (of Mueller, syn. of *Amphist.*), 411 (of Frelich, syn. of *Notocotyle*), 412 (of Gmelin, syn. of *Polyst.*), 573 (of Linn., syn. of *Tetraphorhynchus*), 577 (of Gœze, syn. of *Caryophyllæus*), 579 (of authors, syn. of *Ligula*), 583;

FASCIOLA—Continued.

- 1858c, 332 (syn. of *Dist. giganteum*).—Fabricius, 1794, 26, 27.—Fischer, 1799, 96.—Hahn & Lefèvre, 1884a, 515.—Hémont, 1827, 9.—Herbst, 1787a, 14, 15, 21, 31, 36.—Hoyle, 1890, 539–540 (3 species, type hepatica).—Jackson, 1888, 644, 646, 654.—Joubin, [1892a], 29.—Lamarck, 1801a, 333; 1816, 180–181.—Lamoureux, 1824a, 559, 608; 1824b, 404; 1825a, 356.—Leblond, 1836f, 4.—R. Leuck., 1863, 530.—Looss, 1899b, 551, 557; 1901, 199, 208, 658; 1902, 746, 756.—Luehe, 1905, 146.—MacCallum, 1899, 707.—Macé, 1882, 25.—Montagu, 1811, 194–198, 199–200 (in poultry, see *Syngamus trachealis*).—Mont., 1893, 44, 153, 182; 1896, 168.—Mueller, 1774, 52, 70 (*Fasciola*).—Nitzsch, 1819, 397.—Nord., 1840, 613–618 (syn. *Dist.*).—Odhn., 1905, 339, 344, 346, 347.—Pallas, 1781c, 59.—Par., 1900, 190–197, 1 fig. (in Buenos Ayres).—Pratt, 1902, 883, 887 (key to).—Rafinesque, 1815, 151 (g. of *Fasciolaria*).—Rail. & Marotel, 1898, 32–33.—Roederer, 1762, 537–539.—Roederer & Wagler, 1762, 194–210.—Rud., 1793a, 25; 1801, 50, 54; 1802, 61–62; 1809a, 21.—St. Vincent, 1824, 608.—Schneider, 1866, 7, 9, 11.—Schränk, 1803, 185.—Slawikowski, 1819, 8, 55, 56.—Sons., 1896, 112–116.—Stiles, 1894c (s. str.); 1895l; 1895m; 1896, 159; 1898a, 22, 27, 29; 1901, 163, 165, 174, 180; 1906, 14.—Stiles & Hass., 1898a, 88–89, 90, 95, 97 (type hepatica).—Tasch., 1879, 251 (of Gmelin, syn. of *Polyst.*).—Vogel, 1772, 648.—Ward, 1903, 865.—Wolffhüegel, 1900, 129.
- 1774: *Fasciola* Mueller, O. F., 1774, 70, misprint.
- 1782: *Planaria* Goeze, 1782a, 168, [not Mueller, 1776, worm; not Brown, 1827, mollusk; not Lea, 1833, mollusk], includes *Fasc. hepatica* as *Pl. latiuscula*, hence type *P. latiuscula* Goeze, 1782.
- (1782): *Distoma* Retzius (1782); 1790, 32 [not *Distomus* Gærtner, 1774, mollusk; not Steph., 1827, coleopteron; not *Distoma* Savigny, 1816, mollusk], for *Planaria* Goeze, 1782, hence same type.
- 1815: *Distomopsis* Rafinesque, 1815, 151, *Distoma* Zed., renamed.
- 1825: *Distomum* Crep., 1825, for *Distoma*.
- 1845: *Distoma* (*Cladocœlium*, m. hepaticum) Duj., 1845a, 382, 388, 389.
- 1845: *Fasciolaria* Anonymous, 1845, 141, in *Encycl. Metropolitana*, Lond. [not Lamarck, 1799, mollusk], for *Fasciola* Linn.
- 1850: “*Distomum* Retzius,” 1782, in Dies., 1850a, 141.
- 1853: “*Cladocœlium* Duj.” of Pontallié, 1853, 103–105 (for *Cladocœlium*).
- 1863: “*Distomum* (*Fasciola*)” R. in Leuck., 1863, 530.
- 1876: *Fascolia* Adams, 1876, 764, misprint.
- 1892: *Cladocœlium* (Duj., 1845) as genus in Stoss., 1892, 7 of reprint.
- 1894: *Phasciola* Wilder, H. H., 1894, 24 [not *Phaseolus* Mont., 1875, mollusk] (for *Fasciola*).
- 1898: “*Cladocœlium*” of Stiles & Hass., 1898a, 89, misprint.
- abdominalis* Goeze, 1782a, 41, 169, 186–190, pl. 16, figs. 4–9, includes *F. intestinalis*, 1758, and *Ligula piscium* Bloch.—Baird, 1853a, 95 (syn. of *Lig. simplicissima*).—Dies., 1850a, 580 (syn. of *Lig. diagramma*).—Nord., 1840, 590 (syn. of *Lig. cingulum*; *F. a.* of Zed., syn. of *Lig. contortrix*).—Rud., 1810a, 20 (syn. of *Lig. cingulum*), 18 (syn. of *Lig. contortrix*), 29 (syn. of *L. carpinis*).
- ægæfine* Nicoll, 1907, 73 (syn. of *Dist. simplex*) for *ægæfini*.
- ægæfini* Mueller, 1776, 224 (in *Gadus ægæfinus*; intestine); 1777, 33, pl. 30, fig. 4 (in *Ga. ægl.*); 1779a, 65 [pl. 3, fig. 4].—Bosc, 1802a, 272 (*ægæfini*, misprint).—Bruguière, 1791a, pl. 7a, fig. 15.—Cobbold, 1858b, 157.—Dies., 1850a, 343 (syn. of *Dist. simplex*).—Gmelin, 1790a, 3056.—Herbst, 1787a, 33.—Lamarck, 1816, 182; 1840, 619.—Lamoureux, 1824a, 563.—Levin., 1881a, 67 (syn. of *Dist. sim.* Rud.? Olss.).—Nord., 1840, 619 (syn. of *Dist. sim.*).—Odhn., 1901, 512.—Rud., 1809a, 370.—Schränk, 1788, 19.—Type of *Sinistroporus* 1904.
- ægæfini* Bosc, 1802a, v. 1, 272, misprint for *ægæfini*.
- ægyptiaca* (Looss, 1896) Sons., 1896, 112; 1896, 1.—Braun, 1903, 3 ed., 152.—Looss, 1899b, 557; 1902m, 782, 783 (syn. of *F. gigantea*).—Ward, 1903, 866.
- alata* (Goeze, 1782) Rud., 1793a, 31; 1795a, 15; 1802, 84–85; 1809a, 403 (to *Dist.*).—Brand., 1888a, 9–60 (to *Hemist.*).—Dies., 1850a, 308 (to *Hemist.*).
- alosa* Hermann, 1783a, 46, pl. 2, fig. 8a–b (in *Maifisch im Rhein*, *Clupea alosa*).—Baird, 1853a, 54, syn. of *Dist. appendiculatum*).—Dies., 1850a, 370 (syn. of *Dist. appen.*).—Rud., 1809a, 401, 437 (= *Dist. clupeæ rhenanæ*).

FASCIOLA—Continued.

- americana* Hass., 1891c, 539 (carnosa renamed) (in *Bos taurus*, U. S. A.).—Leuck., 1892b, 797.—Stiles, 1898a, 49.—Ward, 1895, 253 (syn. of *F. magna*), 332 (in *Bos taurus*), 335 (in *Ovis aries*), 338 (in *Equus caballus*); 1903, 866 (syn. of *F. magna*).
- anatis* (Schrank, 1788) Gmelin, 1790a, 3055 (based especially upon a parasite (Plan. teres pro parte Goetze, 1782a, 174, pl. 13, figs. 8–11) from *Anas boschas domestica* and made to include *Cuculanus conoideus* Bloch, 1782a, and *Hirudo fasciolaris* Mueller).—Bosc, 1802a, v. 1, 269–270.—Dies., 1850a, 383 (syn. of *Dist. echinatum*).—Rud., 1809a, 418, 431–432 (*anatis* Bruguière, 1791 = *anatis domestica*).—Stoss., 1892, 167 (syn. of *Echinost. echinatum*).
- anguillæ* Gmelin, 1790a, 3056 (refers to *Leeuwenhoek arc. nat.*, p. 316, fig. 6) (in *Anguilla*).—Bosc, 1802a, v. 1, 272.—Dies., 1850a, 340 (syn. of *Dist. polymorphum*) (in *Anguilla vulgaris* (Leeuwenhoek), May, August; Greifswald).—Lamarck, 1816, 182.—Nord., 1840, 618 (syns. *Dist. polymorphum* and *D. anguillæ*).—Rud., 1809a, 363.
- angulata* Mueller, 1774, 58–59 (in fundo arenareo oceani).—Fabricius, 1798, 53 (to Plan.).—Verrill, —, — (to *Amphiporus*).
- angusta* (Rail., 1895) Looss, 1899, 557.—Braun, 1903, 3 ed., 152, fig. 98 (Gouvea's case in French naval officer at Rio; had been in Senegambia) thinks = *ægyptiaca*.—Looss, 1899b, 557; 1902m, 782, 783 (syn. of *gigantea*).—Ward, 1903, 704; 1903, 864, 866.
- anseris* Gmelin, 1790a, 3055 (*F. verrucosa* Frœlich, 1789, renamed; in *Anser domesticus*; Europe).—Baird, 1853a, 45.—Ben., 1858a, 1861a, 78 (syn. of *Monost. verrucosum*).—Bosc, 1802a, v. 1, 270.—Dies., 1840, 234; 1850a, 411 (syn. of *Notocotyle triseriale*).—Nord., 1840, 602 (syn. of *Nocotylus triserialis*).—Odhn., 1905, 366 (syn. of *Catantropis verrucosa* [type]).—Rud., 1809a, 331.
- apiculata* Rud., 1803, 31–32, *Dist. stridulæ* Reich, 1801, renamed; 1809a, 423, to (*Echinost.*).—Dies., 1850a, 386.
- appendiculata* Rud., 1802, 78–79, pl. 2, figs. 6a–b (nec Frœlich, 1802) (in *Clupea alosa*; Europe); 1809a, 400.—Baird, 1853a, 54.—Dies., 1850a, 370.—Luehe, 1901, 396.—Stiles & Hass., 1898a, 90, 96 (type of *Hemimurus*).
- appendiculata* Frœlich, 1802, 56–58, pl. 2, figs. 8–9 (nec Rud., 1802) (in *Anas boschas*; Europe).—Dies., 1850a, 346 (syn. of *Dist. oxycephalum*).—Hahn & Lefèvre, 1884a, 516 (syn. of *Dist. oxyceph.*).—Rud., 1814a, 105, renamed *Dist. papillatum*.
- apri*, see sub *F. hepatica*.
- ardex* Gmelin, 1790a, 3055 (in *Ardea stellaris*, int.; Europe).—Dies., 1850a, 388 (syn. of *Dist. ferox*).—Bosc, 1802a, v. 1, 270.—Rud., 1809a, 432.
- armata* Rud., 1793a, 26, *F. putorii*, 1790, renamed; 1802, 88–90; 1809a, 416.—Dies., 1850a, 382 (syn. of *Dist. trigonocephalum*).
- atomon* Rud., 1802, 70 (in *Pleuronectes flesus*; Greifswald); 1809a, 362.—Dies., 1850a, 340 (to *Dist.*).—Odhn., 1901, 506; 1905, 320 (to *Podocotyle* [type]).
- barbata* Linn., 1761, 505 (in *Loligo*; Sweden).—Abildg., 1790, 38.—Baird, 1853a, 115 (to *Tetrabothriorhynchus*).—Braun, 1893a, 883.—Dies., 1850a, 573 (syn. of *Tetrabothriorhynchus migratorius*).—Fabricius, 1780, 328–329.—Herbst, 1787a, 32.—Luehe, 1905, 334 (= *Tetrarhynchus*).—Mueller, 1776, 223; 1780, 203.—Pallas, 1781, 109.—Rud., 1809a, 441; 1810a, 385; 1819a 130 (syn. of *Tetrarhynchus megabothrius*).—Sieb., 1850, 232 (syn. of *Tetrarhynchus macrobothrius*).—Vaullegeard, 1899, 167.
- bergi* Par., 1900, 193–194, 1 fig. (in *Rana platana*; Montevideo).
- [*bilamellata* Pallas, 1774, 20 (“*Fasciolæ bilamellatæ* Linnæi”).]
- bilis* (Braun, 1790) Gmelin, 1790a, 3054 in *Falco melanaëtus*.—Bosc, 1802a, v. 1, 269 (billis).—Dies., 1850a, 376 (syn. of *Dist. crassiusculum*).—Rud., 1809a, 408.
- billis* Bosc, 1802a, v. 1, 269, for *bilis*.
- binodis* Mueller, 1776, 224 (in fish); 1779a, 69 [pl. 30, fig. 8]; 1788, 34–35.—Bosc, 1802a, 271–272.—Bruguière, 1791, pl. 79, fig. 24.—Dies., 1850a, 379 (to *Dist.*).—Gmelin, 1790a, 3056.—Herbst, 1787a, 33.—Rud., 1809a, 439.—Schrank, 1788, 20.

FASCIOLA—Continued.

- blennii* Mueller, 1776a, 224 [in *Blennius viviparus*]; 1777, v. 1, 32, 33, pl. 30, fig. 5, v. 2, 53, pl. 78, figs. 9–12 (in *Cottus scorpius* and *Blennius viviparus*); 1779a, 64, 66 [pl. 30, fig. 5]; 1780, 217; 1784, 116, pl. 28, figs. 9–14.—Bosc, 1802a, v. 1, 272.—Bruguère, 1791a, pl. 79, figs. 16–18.—Dies., 1850a, 344 (syn. of *Dist. divergens*).—Gmelin, 1790a, 3057.—Herbst, 1787a, 33.—Lamarck, 1816, 183.—Nord., 1840, 619 (syn. of *Dist. divergens* Rud.).—Rud., 1793a, 30; 1809a, 371.—Schränk, 1788, 19.
- boschadis* Schränk, 1803, 209.
- boum* Gmelin, 1790a, 3054, see sub *hepatica boum*.
- bramæ* Mueller, 1776, 224, v. 1, 33, pl. 30, fig. 6 (in *Cyprinus brama*; intest. Norway, Denmark); 1779a, 66 [pl. 30, fig. 6].—Bosc, 1802a, v. 1, 274.—Bruguère, 1791, pl. 79, fig. 179.—Cobbold, 1858b, 157.—Dies., 1850a, 341 (syn. of *Dist. globiporum*).—Gmelin, 1790a, 3058.—Herbst, 1787a, 33.—Looss, 1894a, 41 (syn. of *Dist. gl.*); 1902m, 757 (and *Dist. gl.*), 758, 760 (perhaps an *Allocreadium*, *Bunodera*, or *Asymphyrodora*), 763, 765.—Nord., 1840, 619 (syn. of *Fasc. globifera*).—Rud., 1809a, 364.—Schränk, 1788, 20.—Sramek, 1901, 107 (syn. *Dist. gl.*).—Stiles, 1901, 168, 169, 192.—Stiles & Hass., 1898a, 94, 95, 97 (= *globipora*, type of *Sphærost.*).
- brunnea* Mueller, 1774, 54.—Johnston, 1865, 9.
- buchholzii* “Joerdens, 1801,” of Braun, 1889a, 320 (lapsus for “*Fasc. hepatica, ovata plana, Buchholzii*” = *Dicrocoelium lanceatum*).—Stiles, 1898a, 55.
- buteonis* Gmelin, 1790a, 3054 (in *Falco buteo*) based on Gœze, 1782a, 85.—Bosc, 1802a, v. 1, 269.—Rud., 1809a, 430 (= *Dist. buteonis* (in *Falco buteo*)).
- candida* Mueller, 1774, 71 (in littore Grœnlandiæ sub *lapidibus*).—Verrill, — (? syn. of *Tetrastemma candidum* (F.) Oersted).
- capitata* Mueller, 1774, 70.
- carnosa* Hass., 1891a, 208–209, 1 fig. (in *Bos taurus*; U. S. A.); 1891b, 464–465; 1891c, 359 (syn. of *F. americana*).—Huber, 1896a, 575, 576.—Leuck., 1902b, 797, 798.—Stiles, 1898a, 49.—Ward, 1895, 253 (syn. of *F. magna*), 332 (in *Bos taurus*), 335 (in *Ovis aries*), 338 (in *Equus caballus*); 1903, 866 (syn. of *F. magna*).
- caudata* Mueller, 1774, 70.—Buttel-Reepen, 1902, 166, 170, pl. 6, fig. 6.—Schränk, 1803, 171 (= *Plan. acuminata*).—Ślawikowski, 1819, 38.
- caudata* Bosc 1802a, v. 1, 271, pl. 9, fig. 6 (nec Mueller, 1774) (in *dorade* = ? *Chrysophys aurata*; *Coryphæna hippurus*).—Dies., 1850a, 373 (syn. of *Dist. tornatum*); 1859c, 431 (syn. of *D. tornatum*).—Rud., 1809a, 436 (= *Dist. coryphænæ*); 1819a, 685.
- cervi* (Schränk, 1790) Zed., 1790, 65–74, pl. 3, figs. 8–11.—Dies., 1836, 247; 1850a, 401 (syn. of *Amphist. conicum*).—Fischder., 1903h, 504 (type of *Paramphist.*), 506 (in *Cervus elaphus*).—Rud., 1809a, 351.—Schränk, 1803, 214.—Stiles, 1898a, 64.—[Type of *Paramphist.* 1901.]
- ciliata* Mueller, 1774, 55 (free form).
- cincta* Rud., 1803, 31 (in *Tringa vanellus*); 1809a, 422, to D. (*Echinost.*).—Dies., 1850a, 386 (to *Dist.*) (in *Vanellus cristatus*, V. *melanogaster*).
- [*cinerea* (anatomical term).]
- cirrata* [Rud., 1802 (see *Dist. cirratum*)]; 1809a, 376 to *Dist.*—Dies., 1850a, 350 (to *Dist.*) (Griefswald, June).
- cirrata* Rud., 1802, v. 3 (1), 66–67, pl. 2, fig. 4 (in *Corvus frugilegus*).—Braun, 1902b, 43 (syn. of *Plagiorchis cirratus*).
- clavata* Menzies, 1791, 187–188, pl. 17, fig. 2 (in *Scomber pelamys*; Pacific) [type of *Hirudinella*, 1828]; 1794, 58–59, pl. 8, fig. 2.—Baird, 1853a, 59.—Blainv., 1824a, 518 (“*hirudinelle*”); 1828, 586.—Buttel-Reepen, 1900a, 586; 1902, 166, 168, 178, pl. 6, fig. 3.—Cobbold, 1879b, 459.—Darr, 1902, 663.—Dies., 1850a, 366 (to *Dist.*); 1859c, 431 (*Dist. clavata* Rud., partim).—Rud., 1809a, 391.—Stiles, 1901, 192.
- clupeæ* Schränk, 1788, 20 (in *rheinischen Mayfische*).—Baird, 1853a, 54.—Dies., 1850a, 370 (syn. of *Dist. appendiculatum*).—Rud., 1809a, 437.
- collurionis* Schränk, 1790, 123 (in *Lanius collurio*); 1803, 211.—Dies., 1850a, 396 (to *Dist.*) (in *Lanius collurio*).—Rud., 1809a, 430 (to *Dist.*).

FASCIOLA—Continued.

- colubri* Bosc, 1802, v. 1, 271, pl. 9, figs. 1-3 (in couleuvre d'Amérique).—Cobbold, 1859d, 364 (syn. of *Dist. bosci*).—Dies., 1850a, 398 (syn. of *Dist. colubri americanus*) (in *Coluber* sp. *americana*).—Rud., 1809a, 434 (to *Dist.*).
- colymbi immeris* Viborg, 1795, 241 ["*Fasciola* s. *Ligula*"].—Dies., 1850a, 579.—Rud., 1810a, 27 (to *Ligula*).
- coryphænæ* Bosc, 1802a, v. 1, 271, pl. 9, fig. 5 (in dorade).—Baird, 1853a (= *Hirudinella clavata*), 59.—Buttel-Reepen, 1902, 166, 168, 170, pl. 6, fig. 5.—Dies., 1850a, 373 (syn. of *Dist. tornatum*); 1859c, 431.—Rud., 1809a, 436 to *Dist.*; 1819a, 685.
- coryphænæ hippuridis* Tilesius in litteris Rud., 1809a, 436 (syn. of *D. coryphænæ*), 437.—Baird, 1853a, 59 (= *Hirudinella ventricosa*).—Buttel-Reepen, 1902, 166, 168.—Cobbold, 1879b, 461.—Dies., 1850a, 373 (syn. of *Dist. tornatum*).
- crassa* Rud., 1793a, 27 (= *Fasc. melis* Gmelin, renamed).
- crenata* Rud., 1802, 76-78, pl. 2, fig. 5, a-b (in *Gasterosteus aculeatus*, *Pleuronectes maximus*); 1809a, 404 (in *Gast. acul.*, *Pleur. max.*).—Baird, 1853a, 54 (= *Dist. appendiculatum*).—Dies., 1850a, 371 (syn. of *Dist. app.*).—Lander, 1904a, 1 (to *Hemiusurus*).—Luehe, 1901, 399, 400.—Odhn., 1905, 352 (type of *Brachyphallus*).
- crenata* Frœlich, 1802a, 60-62, pl. 2, figs. 10-11 (nec Rud. (in *Fulica chloropus*)).—Dies., 1850a, 384 (syn. of *Dist. uncinatum*) (in *Gallinula chl.*, May & July).—Rud., 1814a, 102 (= *Dist. unc.*).
- crenata* Mueller, 1774, 64 (nec Rud., nec Frœlich).
- cucumerina* Rud., 1804, 166 (in liver of *Pleuronectes maximus*).
- cygnoides* Schrank, 1803, 212.
- cylindracea* (Zed., 1800) Rud., 1802, 83-84; 1809a, 393 (in *Rana esculenta*, *R. temporaria*).—Lamarck, 1816, 183.—Looss, 1894a, 64 (to *Dist.*).—Nord., 1840, 620 (to *Dist.*).—Stiles & Hass., 1898a, 84.
- cyprini carassii* Viborg, 1795, 242.
- delicatum* (Rud., 1809) Blainv., 1828a, 585.
- denticulata* Rud., 1802, 91-92, pl. 2, fig. 8, a-c (in *Sterna hirundo*); 1809a, 424.—Dies., 1850a, 392 (to *Dist.*).
- disticha* Mueller, 1776a, 224; 1788, 35, pl. 30, fig. 9; 1779a, 69, pl. 30, fig. 3 [sic] = fig. 9.—Bosc, 1802a, v. 1, 272.—Bruguère, 1791a, pl. 79, fig. 25.—Dies., 1850a, 378 (to *Dist.*).—Gmelin, 1790a, 3056.—Herbst, 1787a, 33.—Rud., 1809a, 367, 440 (to *Dist.*).—Schrank, 1788, 20; 1803, 212-213.
- echinata* Nord., 1840, 621 (syn. of *F. trigonocephala*).
- elaphi* Gmelin, 1790a, 3054 (*Festucaria cervi*, renamed) (in *Cervus elaphus*).—Bosc, 1802a, v. 1, 269.—Dies., 1836, 247; 1850a, 401 (syn. of *Amphist. conicum*).—Fischder., 1903h, 504 (syn. of *Paramphist. cervi*), 506.—Nord., 1840, 627 (syn. of *Amphist. con.*).—Rud., 1809a, 350.—Stiles, 1898a, 64.—Ward, 1895, 256 (syn. of *Amphist. conicum*), 332 (in *Bos taurus*), 335 (in *Ovis aries*).
- elegans* Rud., 1802, 65-66 (in Sperling, Greifswald).—Braun, 1902b, 38 to *Plagiorchis*.—Dies., 1850a, 350 (to *Dist.*).—Rud., 1809a, 375.
- epatica* Rosa, 1794, 5, dell' *Ardea purpurea*.—Braun, 1900h, 19 (? syn. of *Clinost. heterost.*).—Dies., 1850a, 353 (syn. of *Dist. heterost.*).
- epatica* Brera, 1809a, 92-98, pl. 1, figs. 24-25.—Sons., 1884, 21.—For *hepatica*.
- equi* Gmelin, 1790a, 3054, var. of *Fasc. hepatica*.
- eriocis* Mueller, 1784, 92, pl. 72, figs. 4-7; 1788, 42, pl. 72, figs. 4-7 (in *Salmo eriox*).—Bosc, 1802a, v. 1, 274.—Bruguère, 1791a, pl. 80, figs. 3-4.—Dies., 1850a, 363 (syn. of *Dist. hyalinum*).—Gmelin, 1790a, 3057.—Harz, 1881c, 5 (syn. of *D. hyalinum*).—Lamarck, 1816, 183.—Nord., 1840, 619-620 (includes *D. hy.*, *D. rosaceum*, *D. perlatum*).—Rud., 1809a, 389.
- excavata* Rud., 1803, 28-29 (in Storch, *Ardea ciconia*; Greifswald); 1809a, 399.—Dies., 1850a, 309-310 (to *Hemist.*).
- excisa* (Rud., 1819) Blainv., 1828a, 586.
- farionis* Mueller, 1784, 91, pl. 72, figs. 1-3 (in *Salmo fario*); 1788, 42, pl. 72, figs. 1-3.—Bosc, 1802a, v. 1, 274.—Bruguère, 1791a, pl. 80, figs. 1, 2.—Dies., 1850a, 380 (syn. of *Dist. laureatum*).—Frœlich, 1802a, 62-63, pl. 2, figs. 4, 5.—Gmelin, 1790a, 3058.—Knoch, 1862, 19.—Nord., 1840, 621 (syn. of *F. laureata*).—Odhn., 1905, 353.—Rud., 1809a, 413; 1814a, 102 (syn. of *Dist. laureatum*).

FASCIOLA—Continued.

- ferox* Rud., 1795a, 15–17 (in *Ardea ciconia*; Greifswald); 1802, 90–91; 1809a, 426 to D. (Echinost.).—Dies., 1850a, 388 (to Dist.).—Nord., 1840, 622 (syn. of *Fasc. trigonocephala*).
- fimbriata* Goeze, 1782a, 180, pl. 15, figs. 4–5.—Abildg., 1790, 32 (cf. *Phylline*).—Baird, 1853a, 97 (syn. of *Caryophyllæus mutabilis*).—Ben., 1858a, 1861a, 115 (syn. of *Car. mutab.*).—Braun, 1894.—Dies., 1850a, 577 [*Fasciolaria*].—Nord., 1840, 633 (syn. of *Car. piscium*).—Rud., 1810a, 9 (= *Car. mut.*).
- flaccida* Mueller, 1774, 57–58 (free form).
- furcata* (Bremser, 1819) Blainv., 1828, 586.
- fusca* Pallas, 1774, 21–22, pl. 1, fig. 13, a–b (in aq. stag.; Europe).
- fusca* Bosc, 1802a, v. 1, 271, pl. 9, fig. 4 (in dorade) [not Pallas, 1774].—Baird, 1853a, 59 (= *Hirudinella ventricosa*).—Buttel-Reepen, 1902, 166, 168, 170, pl. 6, fig. 4.—Cobbold, 1879, 459, 460, 461.—Darr, 1902, 664.—Dies., 1850a, 366 (syn. of *Dist. clavatum*); 1859c, 431.—Herbst, 1787a, 36.—Poirier, 1885, (to Dist.).—Rud., 1809a, 436.
- gibbosa* Rud., 1802b, 81–82, pl. 2, fig. 7 (in *Esox belone*); 1809a, 399 to Dist.—Odhm., 1905, 356 (to *Lecithaster*).
- gigantea* (Dies., 1858) Cobbold, 1858; 1860a, 4 (in *Camelopardalis giraffa*); 1864, 161 (see *F. gigantea*); 1876, 303; 1879b, 25, 322, 421.—R. Bl., 1895, 733–734 (includes *F. hepatica* var. *angusta*); 1900, 488.—Braun, 1893a.—Dies., 1858.—Fitz, 1876b, 514.—Gervais et Ben., 1858.—Hoyle, 1890, 539.—Leuck., 1863; 1879–93.—Looss, 1899b, 557; 1902m, 782, 783 (syns. *gigantea*, *angusta*, *ægyptiaca*).—Sons., 1889, 275; 1890; 1896, 113, 114.—Stiles, 1895, 139–143, pl. 5 (includes *Dist. hepaticum* pars Gervais & Ben.); 1898a, 49.—Stoss., 1892, 9 (to *Cladocellium*).—Also reported for *Bos taurus*.
- gigantica* Cobbold, 1855a, 262–266, pl. 7, figs. 1–15 (in liver of *Giraffa camelopardalis*); 1855b, 3–7, pl. 7, figs. A. B., 1–15; 1856a, 108–109; 1858b, 167; 1860a, 4.—Braun, 1903, 3 ed., 152 (places Gouvea's (1895) case here); 1906, 157 (in giraffe).—Dies., 1858e, 332 (to Dist.).—Stiles, 1898a, 23, 29, 48, 49, 50, 51, 137, 140, 141, fig. 27.—Ward, 1903, 866 (closely related to *F. angusta*).
- glauca* Mueller, 1774, 60.
- globifera* Lamareck, 1816, 182 for *globipora* 1802.—Baird, 1853a, 53.—Lamouroux, 1824a, 563.—Nord., 1840, 618–619 (includes *Dist. globiferum*, *D. globiporum*, *Fasc. bramæ*).
- globipora* Rud., 1802, 72–74 (in *Cyprinus erythrophthalmus*); 1809a, 365.—Dies., 1850a, 341 (to Dist.).—Looss, 1894a, 41 (to Dist.); 1902m, 763.—Stiles, 1901, 168, 169, 192.—Stiles & Hass., 1898a, 95 (type of *Sphærostoma*).
- grossa* Mueller, 1774, 67.—To *Planaria* in 1776.
- gruis* Gmelin, 1790a, 3055 (in *gruis*).—Baird, 1853a, 55 (= *Dist. echinatum*).—Bosc, 1802a, v. 1, 270.—Dies., 1850a, 383 (syn. of *Dist. echinatum*).—Rud., 1809a, 432.
- gulo* Mueller, 1774, 56 (free from).—Schrank, 1803, 166 (to *Plan.*).
- halecis* Gmelin, 1790a, 3058 (in *halece*).—Dies., 1850a, 372 (syn. of *Dist. ocreatum*).—Mont., 1891, 496.—Rud., 1809a, 398 (syn. of *D. ocr.*).
- helluo* Mueller, 1774, 64–65.—Johnston, 1865, 13.—Schrank, 1803, 169 (to *Plan.*).
- hepatica* Linn., 1758a, 648–649 (in *aquis dulcibus ad radices lapidum, inque hepate pecorum*. *Diss. de Oribus*; Europe); 1761, 505; 1766, 1077; 1792, 3053–3054; 1801, 33–34.—Abildg., 1790, 36 (to Dist.).—Adams, 1887, 318.—Adenot, 1863, 112.—Aitken, 1866, 804, 839; 1872, 146, 205; 1874, 58.—Aldrovandus, (1602).—Anaker, 1892c, 94.—Andral, 1829d, 615.—Andry, 1701, 121–122.—Ariola, 1900, 426 (of Linn., 1735, syn. of *Schistocephalus dimorphus*).—Armatage, 1895, 429, 430, 432, 433, 440.—Australian Pastoralists Rev., 1896, v. 5, 610–611.—Baillet, 1866b, 15, 18, 90, 99 (to Dist.).—Baird, 1853, 49 (pars = *Schistocephalus dimorphus*).—Barbut, 1783, 14–15, pl. 2, fig. 1.—Bauhin, (1677).—Ben., 1858a, 1861a, 172.—Bert & R. Bl., 1885, 585–586, fig. 539.—[Bidloo, 1698a].—[Biggs, 1890a, 36–37].—Blainv., 1828, 585.—[Blakeway, 1879a].—E. Bl., 1847, 279–291.—R. Bl., 1888a, 543 (to Dist.), 602 (of Bloch, 1782, syn. of *Dist. lanceolatum*); 1890, 66–75, figs. 28–33; 1894g, 461–462; 1894h; 1895, 730–733, figs. 78–79; 1900g, 488.—Bloch, 1782a, 5–6, pl. 1, figs. 3–4.—Blumenbach, 1825a, 241.—[de Bonis, 1876a, 155].—Borlase, 1758a.—Bosc [1802a], v. 1, 268.—[Bonvicini, 1881a, 133–134].—Braun, 1893a, 883;

FASCIOLA—Continued.

1893b, 180; 1900h, 9; 1901e, 327; 1903, 3 ed, 147–151, figs. 92–97 (syns. Dist. hep. Retz., Fasc. humana Gmelin, Dist. caviæ, Cladocœlium hep. Stoss), 150; 1906, 140, 142, 143, 145, 150–156, 157, figs. 74, 77, 81, 83–88.—Brett, 1881b, 139–142.—[Brown, 1881a; 1882b; 1886b.]—Bruguière, 1791, pl. 79, figs. 1–8.—[Bruck, 1865a, 33–35.]—de Bry, 1879.—Chabert, 1878a, 25 (63–64); 1791, 152.—Civini, 1842.—Clerc, 1907, 557, 558.—Cobbold, 1855a; 1855b, 3, 4, 6; 1866, 6; 1872b, 91; 1876, 210, 211, 303; 1879b, 14, 25, 28, 48, 50, 315, 317, 318, 322–331, 356, 404, figs. 17, 61; 1882, 699–704, pl. vi, figs. 2–8; 1883v, 500; 1884g, 976.—Cuvier, 1798, 633–634; —, v. 2, 339; 1817a, 41–42; 1830, 263–264; 1831a, 364.—Daldorf, 1793, 159 (hepatum).—Dandolo, 1806, 28 pp.—Darr, 1902, 649, 652, 657, 663, 684, 687.—[Daubenton, 1750–52.]—Dav., 1877a, 2 ed., lxxv, figs. 36–38.—[Delafond, 1854a, 3–56, figs. 12–13.]—Delorme, 1861, 241.—Desmars, 1762.—[Dickens, 1830a, 645–647.]—[Didry, 1832a, 139–147.]—Dies., 1850a, 332 (to Dist.), 333 (of Bloch, syn. of Dist. lanceolatum), 401 (of Mueller, syn. of Amphist. conicum), 584 (pars of Linn., syn. of Schistocephalus dimorphus).—Dinwiddie, 1892a, 3.—Dowker, 1882a, 10, 11, 12, 13, pl. 1, fig. B. 1, pl. 2 E, figs. 1–2.—Drosse (1856a).—Dunglison, 1893a, 424, 821.—Eber., (1798a), 22.—[Ellis, 1749.]—[Faber, 1670, 147.]—Fabricius, 1780, 327–328 (in sheep); 1794, 29.—Fil., 1854a, 27.—Fischder., 1903h, 504 (of Mueller, syn. of Paramphist. cervi).—La Fosse, 1772, 157; 1774, 320; 1779, 139.—Froelich, 1802a, 55–56.—Gabucinus, 1597.—Galli-Valerio, 1898b; 1898c, 7, 8.—Gamb., 1896a, 67.—[Gemma, 1575a, 40.]—Gerlach, 1854; 1862.—[Gesnerus, 1551.]—Giard & Billet, 1892a, 613.—Gmelin, 1790a, 3053–3054.—[Goeze, 1782a, 169–172, pl. 14, fig. 1.]—Gomy, 1897a, 374.—Gurlt, 1849a, 120.—Hahn & Lefèvre, 1884a, 516 (to Dist.).—Haldemann, 1851, 46, pl. 77, fig. 30.—[Hamont & Fischer, 1834a; (1834b).]—Harley, 1876, 255–256, figs. 208, 209.—Harrop, 1870a, 12–16 (heptica).—[Heide, 1686–1688, 46–47 (in sheep).]—Herbst, 1787a, 31–32, pl. 4, figs. 1–2 [=Dicrocoelium lanceatum].—Hodgson, 1835a, 528–538.—Hoyle, 1890, 535–540.—Huber, 1896, 574.—[Huzard & Desplas, 1797a, 10.]—[Huzard & Tessier, 1817a.]—Jaksch, 1889a, 186.—[Joseph, 1883e, 171–172; 1883f, 322–323.]—Khouri, 1904, 78 (as cause of hal-zoun, at Liban).—King, 1836a, 95–101.—Kingsley, 1885, 191–194, figs. 168–174.—Klencke, 1844, 420 pp.—Kowal., 1902, 26, 8.—Kriwonogow, 1886.—[Kulmus, 1721, 596.]—Lamarck, 1801a, 333.—[Lamouroux, 1824a, 560, 561, 562, 563.]—Lander, 1904a, 10.—Laveran & R. Bl., 1895, 8–33, 186–188.—[Leeuwenhoek, 1715, 1–33, 14 figs.]—Leuck., 1879, 33; 1886, 25; 1892b, 798.—Looss, 1899, 557, 742; 1902m, 782; 1905, 110; 1907, Feb. 1.—Luehe, 1901, 167; 1902, 224; 1905, 334.—Marshall, J. T., (1883), 10 (=a parasite of Limnæa truncatula).—Marshall, W., 1887.—Martens, 1824.—Mojkowski, (1888a); 1888b, Mar., 118.—Moniez, 1896, 86, 90–114, 115, 118, 119, 121, 150, 158, figs. 19, 20, 22, 23.—Mueh., 1898, 10.—Mueller, O. F., 1774, 52–53; 1776; 1782.—Mueller, P. L., 1775, 42–43.—Neumann, 1888, 507–564, figs. 229–238; 1892, 504–528, figs. 271–281; 1892, 517–543, figs. 271–281.—[Nichols, 1755, 246–248.]—Nord., 1840, 618.—Odhn., 1905, 338–339, 340, 344.—Olss., 1876, 13.—Otto, 1816, vii.—Pallas, 1760; 1768, 269–271; 1781, 79.—Parkes, 1891, 79.—Par., 1887, 489.—Perroncito, 1882, 273–276, figs. 115–116.—[Pecquet, 1668.]—Poir., 1883, 74.—Pratt, 1898, 357.—Rail., 1899, 345.—Rail. & Marotel, 1898, 34, 37.—[Redi, 1684, 133; 1729.]—Roger, 1901, 94, 95.—[Romberg, 1706, 69–70.]—Rozier, 1774.—Rud., 1793a, 28–29; 1802, 62–64 (cf. lanceolata); 1804, 165; 1805, 37–38, a. hominis, b. equi, c. tauri; 1809a, 350, 353; 1810a, 57 (pars syn. of Bothriocephalus solidus).—Ruysch, 1737, 23.—[Schæffer, 1726, 57.]—Schrunk, 1788, 17; 1803, 210.—Schwarze, 1885, 41.—Shaw, 1901, 1027.—Sieb., 1845, 223.—Simon, 1897, 222.—Simonds, (1862), 21.—Smith, Wm. A., 1863, 35–36, fig. 7.—Sons., 1878, 615 (epatica); 1884, 59, 61; 1889, 275; 1891, 254; 1896, 112–116; 1896, 4 pp., varieties of; 1896, 295, 302, 303, 315; 1897, 250, 251, 252.—Spengel, 1905, 270.—Steel, 1881, 204 (in cattle).—Stewart, 1898, 328–331, figs. 9–17.—Stieda, 1867, 52–59, pl. 2.—Stiles, 1896, 205; 1898a, 22, 29, 30, 31, 32, 33, 34, 35, 37, 38, 41, 42, 43, 45, 51, 52, 53, 55, 56, 57, 137, 138, 139, 140, 141, 142, 143, figs. 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17; 1901, 177; 1901, 180; 1901d; 1901e; 1902, 204; 1902, 220, 221, 222; 1903, 884.—Stiles & Hass., 1898a, 88, 89, 97.—Stoss., 1892, 7 (to Cladocœlium).—Sweiten [1758, 89].—[Thomson, 1855, 188.]—Turton, 1807.—Tyson, 1903, 3 ed., 1180 (to Dist.).—Verrill, 1870, 170, 176, 177, 178, 213, 214.—Veterinarian, 1879, v. 52, 738–741.—Walter, (1866), 63–64.—Ward, 1895, 246–252, pl. 1, figs. 1–13, 253 (in part of Dinwiddie, 1889, to Fasc. magna), 256 (syns. Planaria latiuscula Goeze, Dist. hep. Abildg., Fasc. humana Gmelin,

FASCIOLA—Continued.

- F. lanceolata* Rud., 1803, *Fasciolaria hep.*, *Distomata hominis* Taylor, *Dist. caviae* Sons.); 1903, 704, 706; 1903, 863, 864, 865 (syns. *Dist. hep.* Retzius, *Fasc. humana* Gmelin, *Dist. caviae* Sons., *Cladocœlium hep.*), 866 (syn. probably *Hexathyridium venarum*), 867, 870, 871.—[Wepfer, 1716.]—Wernicke, 1886, 304.—[Willius, 1674–1675.]—*Ztschr. f. mikr. Fleischschau*, Berl., 1880.—Zuern, 1882, 207, pl. 4, figs. 5–8.
- , *hepatica*, anatomy of: Jackson, 1888, 643–645, 649, 651, 652, 653.—Ramdohr, 1814, 128–131 (in sheep).—See also foregoing entries.
- , ——, bibliography of: Hass., 1894b, 407–417, 457–462.
- , ——, development of: Brown, 1882b, 624–630.—Rossouw, 1895, 578–579 (origin of).—Schubmann, 1905, 571–606, figs. 1–51; 1905, Oct. 10, 564–565; 1905, Oct. 18, 597.—Sons., 1884, 315; 1884, 76–77.—Thomas, 1881, Aug., 543–547; 1881, Sept., 629–633; 1881, Oct., 705–714; 1881, 740–741; 1881, Nov., 776–782; 1881, Dec., 847–853; 1881, v. 17, 1–29; 1882, Oct. 19, 606–608; 1882, v. 18, 439–455, figs. 1–6; 1882, Dec., 388–393; 1883, Mar., 180–189; 1883, May, 338–343; 1883, June, 404–409, figs. 1–6; 1883, July, 469–470 (and prevention); 1883, Aug., 550–557; 1883, Sept., 621–633; 1883, Oct., 681–690, figs. 1–20; 1883, v. 17, Oct., 270–286, figs. 1–18; 1883, v. 19 (37), 276–305, figs. 1–20; 1883, Nov., 344–352, fig. 19.—*Veterinarian*, Lond., 1880, May, 332–333; 1881, June, 390–392.—See also life cycle of.
- , ——, embryo of: Baillet, 1879a, 197–215, figs. 1–11; 1880a, 19 pp.
- , ——, geographic distribution of: Rail., 1895, 338–340 (var. in Senegal).—Rolleston, 1880b, 400–405.
- , ——, histology of: Harley, 1876a, 255–256, figs. 208–209.
- , ——, intermediate host of: Cobb, 1898c, 36–38, 2 figs.—Fielder, 1896a, 24–28, 139–140, 146–147, figs. 1–7.
- , ——, in various animals: [Frommann, 1688c, 252–259; 1755a, 291–294].—In cattle: Cocu, 1897a, 369–371 (heart); 1898b, 98 (heart).—Galli-Valerio, 1901c, 364.—[Hutcheon, 1893h, 347 (death).]—Mills, 1876.—Morot, 1890, 191–193 (erratic).—Rail., 1897, July 30, 369–371 (heart).—Rail. & Morot, 1885, 285 (lungs).—Ward, 1895, 332 (biliary ducts).—Horse: Adams, 1876, 764–765 (India).—Galli-Valerio, 1901c, 364.—Ward, 1895, 338 (biliary ducts).—Man: Ashford, King & Igaravidez, 1904, Dec. 1, 92 (Porto Rico).—Looss, 1905, 88.—Ward, 1895, 238, 246, 328 (biliary ducts).—Wilson, 1880, Nov., 413–417.—Sheep: Camper, 1762a, 304, pl. 4.—Dupuy, 1822a, 29–36.—Galli-Valerio, 1901c, 364.—Halsted, 1883a, 741–748, figs. 1–11.—[Hutcheon, 1889e, 235 (Capetown); 1892m, 141; 1893o, 403–404; 1893r, 425–426.]—Morton, 1839, Nov., 735–738, fig. 1.—Rhodesian Agric. J., Cape Town, 1906, v. 3 (5), June, 529.—Ward, 1895, 238–246.—Miscellaneous: [Cadéac, 1885a (*Equus asinus*, female); 1885b (*Equus asinus*, female).]—Cobbold, 1858b, 167 (*Lepus cuniculus*).—Ward, 1895, 238 (man, cattle, sheep, goat, horse, ass, hog, rabbit, cat), 246 (stag, squirrel, elephant), 335 (*Ovis aries*: biliary ducts).
- , ——, life cycle of: Fagge & Pye Smith, 1902, 4 ed., 475 (syn. *Dist. hep.*).—Jackson, 1883a, 248–250.—Thomas, 1883, Jan., 99–133, pls. 2–3, figs. 1–26; 1883, v. 23, 8.—See also development of.
- hepatica ægyptica* (Looss, 1896), Stiles, 1898a, 23, 48, 49, 50, 139, 140, figs. 25–26.—Braun, 1903, 3 ed., 152 (in buffalo, cattle, sheep, goats); 1906, 157 (= *F. angusta* = *F. ægyptiaca*).—Looss, 1902m, 782.—Sons., 1896, 115; 1896, 295.
- hepatica angusta* Rail., 1895, 338–340 (in cattle; St. Louis, Senegal. Africa); 1895, 702.—R. Bl., 1895, 733 (= *F. gigantea*).—Braun, 1903, 3 ed., 151 (cattle, liver); 1906, 156, 158, fig. 89.—Gomy, 1897a, 376.—Looss, 1902m, 782.—Rail. & Gomy, 1899, 349.—Stiles, 1898a, 23, 48, 49, 137, 140, figs. 23, 24.—Sons., 1896, 2; 1896, 113, 115.—*Veterinarius*, 1898, 328.
- hepatica apri* Gmelin, 1790a, 3054 (in *Sus scrofa*; from Le Clerc, 1715a, 119).
- hepatica boum* Gmelin, 1790a, 3054 (in *Bos taurus*; Europe) (= *Planaria latiuscula* Gœze, 1782a, pro parte, renamed = *Fasc. hepatica*).
- hepatica caviae* Sons., 1896, 112–116; 1896, 4 (in *Cavia*).—Stiles, 1898a, 48, 139.
- hepatica cervi* Gmelin, 1790a, 3054 (in *Cervus*).
- hepatica equi* Gmelin, 1790a, 3054 (in *Equus caballus*).
- hepatica ovata plana Buchholzii* of Jøerdens, 1802a, 64–66, pl. 7, figs. 13–14 (see *Dicrocoelium lanceatum*).

FASCIOLA—Continued.

- hepatica porcorum* Gmelin, 1790a, 3054 (in *Sus scrofa domestica*; Europe) (=Plan. latiuscula Goeze, 1782a, pro parte, renamed=F. hepatica).
- heterophyes* (Sieb., 1852) Moquin-Tandon, 1860.—R. Bl., 1888a, 625–627 (to Dist.).—Ward, 1895, 328 (in Homo).
- hirundinis* Froelich, 1791, 75–76 (in *Thurmschwalbe*).—Baird, 1853 (syn. of *D. maculosum*).—Braun, 1901, 566; 1902b, 45, 46 (syn. of *Plagiorchis mac.*).—Dies., 1850a, 349 (syn. of *D. mac.*).—Linst., 1901, 197 (syn. of *D. mac.*).—Rud., 1809a, 374.
- humana* Gmelin, 1790a, 3053 (in Homo).—R. Bl., 1888a, 543 (syn. of *D. hepaticum*).—Braun, 1903, 3 ed., 147 (syn. of *F. hep.*); 1906, 150, fig. 83 (syn. of *F. hep.*).—Cobbold, 1866, 6.—Dunglison, 1893, 424.—Rud., 1809a, 353.—Stiles, 1898a, 29.—Ward, 1895, 246 (syn. of *F. hep.*), 328 (in Homo), 332 (in *Bos taurus*), 335 (in *Ovis aries*), 338 (in *Equus caballus*); 1903, 865 (syn. of *F. hep.*).
- inflera* Rud., 1802a, 82–83 (in *Cyprinus jesus*); 1809a, 395.—Dies., 1850a, 365 (to Dist.) (in *Leuciscus jesus*; Apr., Greifswald).
- intestinalis* Linn., 1758a, 649 (in *intestinis piscium*); 1761, 505.—Abildg., 1790, 34.—Baird, 1853 (syn. of *Ligula simplicissima*).—Barbut, 1783, 15, pl. 2, fig. 2.—Blumenbach, 1825, 242.—Bosc, 1802a, v. 1, 277 (syn. of *Lig. abdominalis*).—Braun, 1893a, 883; 1900a, 1642.—Bremser, 1819.—Dav., 1877, 260.—Dies., 1850a, 580 (syn. of *Lig. diagramma*).—Goeze, 1782a, 41, 183 (=a "Gattung" of Fasc. Goeze).—Herbst, 1787a, 32, 41 (syn. of *Lig. piscium*).—Luehe, 1905, 334.—Montin, 1763a, 113–118; 1766a, 122–127 (in Homo) [evidently a tapeworm, det. as *F. i.* Linn.].—Nord., 1840, 590 (syn. of *Lig. cingulum*).—Pallas, 1781, 95.—Rauh, 1779, 11.—Rud., 1810a, 20 (syn. of *Lig. cingulum*), 25 (syn. of *Lig. mergorum*).—Steenstrup, 1857, 186–195 (in Stichling); 1858, 298–312; 1859, Dec., 475–485.—Wegelin, 1779, 8.
- intestinalis* Gueldenstädt, (?1791a), 115 (in *Sorex moschatus*).—Dies., 1850a, 617 (syn. of *Cephalocotyleum mygales moschatæ* Rud.).—Rud., 1810a, 24 (=Ligula scorici moschati).
- jacksonii* Cobbold, 1869, 48–49, in Indian elephant; 1870, 47–49; 1873, 13; 1875, 733–743; 1879b, 393, 394, 395, 396, 397; 1882, 223–258, pls. 23, 24.—Braun, 1892a, 567, 650, 674, 710 (jacksoni); 1893a, 875, 910.—Fitz, 1876a, 513–518; 1876b, 513–518; 1876c, 854 (jacksoni).—Jackson, 1847, —.—Linst., 1878, —.—Looss, 1899b (to Fasciolopsis).—Sons., 1889, 275 (jacksoni); 1896, 114, 115 (jacksoni).—Stiles, 1895, 144–147, pl. 6, 213–215; 1898a, 29.—Veterinarian, Lond., 1876, 854 (jacksoni).
- jesis* Gmelin, 1790a, 3058 (in *Cyprinus jesus* intest.; Europe).—Bosc, 1802a, v. 1, 275.—Dies., 1850a, 365 (syn. of *D. inflexum* Rud.).—Rud., 1793, 30; 1809a, 372, 395.
- lactea* Mueller, 1774, 61–62 (in rivo sub foliis nymphææ ac in Palustris frequens).—Schrank, 1803, 167 (to Plan.).—Johnston, 1865, 10.
- lagna* (Braun, 1788) Gmelin, 1790a, 3057 (in *Perca fluviatilis*).—Baird, 1853a, 57 (syn. of *Dist. nodulosum* Zed.).—Bosc, 1802a, v. 1, 273.—Rud., 1809a, 411 (syn. of *D. nod.*).
- lanceolata* Rud., 1803a, 24–25 (nec Schrank, 1790) (in Homo; Europe); 1809a, 353 (syn. of *Dist. hepaticum*).—R. Bl., 1888a, 543 (syn. of *D. hep.*), 602 (syn. of *D. lanceolatum*).—Braun, 1903, 3 ed., 157, 166 (to *Dicrocoelium*).—Dies., 1850a, 333.—Dunglison, 1893, 424 (lanceolatum).—Stiles, 1898a, 55.—Stiles & Hass., 1898a, 87 (=lanceatum, type of *Dicrocoelium*).—Ward, 1895, 246, 328 (in Homo), 332 (in *Bos taurus*), 335 (in *Ovis aries*).
- lanceolata* Schrank, 1790, 123 (in *Cyprinus brama*); 1803, 213–214.—Dies., 1850a, 341 (syn. of *D. globiporum*).
- lanceolata* (bramæ) [Schrank, 1790, 123] of Rud., 1809a, 364 (syn. of *Dist. globiporum*), see *lanceolata* 1790.
- laureata* (Zed., 1800) Rud., 1802a, 86–87; 1809a, 413 (to Dist.).—Blainv., 1824a, 518 (type of *lobostome*).—Dies., 1850a, 380 (to Dist.).—Lamarck, 1816, 184.—Nord., 1840, 621 (includes *F. farionis*).
- linearis* Rud., 1793a, 29 (in *Phasianus gallus*; Greifswald, Oct.); 1802a, 85–86; 1809a, 414.—Dies., 1850a, 380 (to Dist.).—Hass., 1896a, 2, 3 (to *Crossodera*).
- linearis* Mueller, 1774, 67–68 (in foveis palustribus sylvarum).—Schrank, 1803, 172–173 (to Plan.).

FASCIOLA—Continued.

- linearis longa* Linn., —.—Pallas, 1781a, 95 (in *Cyprinus varius*).
lineata Mueller, 1774, 60–61 (in *littore maris Balthici*).
lolinis Gmelin, 1790a, 3059 [or Fabricius, —.—, 328] (includes *F. barbata* Linn., probably this renamed).—Baird, 1853a, 115 (= *Tetrabothriorhynchus barbatus*).—Dies., 1850a, 573 (syn. of *Tetraboth. migratorius*).—Rud., 1810a, 385.
longicollis Abildg. [1788], 34, pl. 151, fig. A, 1–2 (in *Coluber natrix*).—Dies., 1850a, 348 (syn. of *D. naja*).—Olfers, 1816, 46.—Rud., 1819a, 377 (syn. of *D. naja*).
longicollis Rud., 1809a, 380 (syn. of *Dist. tereticolle*), based on Bloch, 1782a, 6 (syn. *Fasc. lucii* in *Esox lucius*).—Ben., 1858a, 1861a, 100 (to *D. ter.*).—Dies., 1850a, 358 (syn. of *D. ter.*).—Nord., 1840, 619 (syn. *D. ter.*, *F. lucii*).—Lamarek, 1816, 183.—Sramek, 1901, 105.
longicollis Frœlich, 1791, 73–75, pl. 3, figs. 9–11 (in *Cyprinus carpio*).—Dies., 1850a, 341 (syn. of *Dist. globiporum*).—Harz, 1881c, 11 (to *Dist.*).—Looss, 1894a, 41 (syn. of *D. gl.*), 49 (e. p. syn. of *D. isoporum*); 1902m, 763 (and *D. gl.*).—Rud., 1809a, 365 (syn. of *D. gl.*); 1814a, 103.—Stiles, 1901, 168.
longicollis (carpionis), see *longicollis* (Frœlich).
lucii Mueller, 1776, 224 (in *Lucius*, esoph. and stomach); 1779a, 67–68, pl. 30, fig. 7, in *Esox lucius*; 1780, 136; 1784, 115, pl. 78, figs. 6–8; —.—, vol. 1, 33–34, pl. 30, fig. 7 (ventric. of *Esox lucius*); —.—, vol. 2, 52–33, pl. 78, figs. 6–8; 1780, 203.—Baird, 1853a, 53 (= *D. tereticolle*).—Ben., 1858a, 1861a, 100 (syn. of *D. ter.*).—Bloch, 1779a, 537, pl. 14, figs. 1–4; 1782a, 6–7.—Bosc, 1802a, v. 1, 274.—Bruguère, 1791a, pl. 79, figs. 20–23.—Crep., 1837, 316.—Dies., 1850a, 358 (syn. of *D. ter.*).—Gmelin, 1790a, 3058.—Harz, 1881c, 5 (to *Dist.*).—Herbst, 1787a, 32, pl. 4, figs. 1–4.—Jurine, 1823a, 145–153, figs. 1–5; 1824a, 489–497, figs. 1–5; 1830a, 784–785.—Knoch, 1862, 19.—Looss, 1894a, 5 (syn. of *D. ter.*).—Nord., 1840, 619 (syn. of *F. longicollis*).—Rud., 1809a, 379.—Schränk, 1788, 18.—Sramek, 1901, 105.
lucioperce Mueller, 1776, 223; 1779a, 64, pl. 30, fig. 2; 1788, vol. 1, 32, fig. 30, fig. 2 (int. *Perca lucioperca*).—Baird, 1853a, 56 (= *D. nodulosum*).—Bosc, 1802a, v. 1, 273.—Bruguère, 1791a, pl. 79, fig. 13.—Dies., 1850a, 380 (syn. of *D. nod.*).—Gmelin, 1790a, 3057.—Herbst, 1787a, 33.—Looss, 1894a, 33 (syn. of *D. nod.*).—Nord., 1840, 621 (syn. of *F. nodulosa*).—Rud., 1809a, 410.—Schränk, 1788, 18; 1790, 123.—Sramek, 1901, 106 (syn. of *D. nod.*).—Stiles & Hass., 1898a, 84, 85 (syn. of *D. nod.*).
lucipetum (Rud., 1819) Blainv., 1828a, 585.
macrostoma Rud., 1803a, 26–27 (in *Nachtigall*); 1809a, 386.—Blainv., 1828, 585.—Dies., 1850a, 361 (to *Dist.*).—Poche, 1907, 125.—Stiles, 1901, 192.—Stiles & Hass., 1898a, 95, 96 (type of *Urogonimus*).
maculosa Rud., 1802a, 67–68 (*F. hirundinis* Frœlich renamed) (in *Hirundo apus*, *H. rustica*, *H. urbana*); 1809a, 374.—Braun, 1902b, 46 (to *Plagiorchis*).—Dies., 1850a, 349 (to *Dist.*).
magna (Bassi, 1875) Stiles, 1894c, 172–178, 225–243, pls. 1–11, figs. 4–7, a–g; 1895l, 277–280; 1894w, 91–94; 1896i, 202; 1898a, 22, 27, 29, 42, 49, 51, 52, 53, 54, 55, 140, 141, 142, figs. 28–35; 1902, 222.—Bossuat, 1902, v. 6 (2), 192.—Looss, 1899b, 557; 1902m, 783.—Pratt, 1898, 357, 365.—Rail., 1893a, 356.—Salmon & Stiles, 1901, 454.—Smith, F. C., 1881, 14 (*Dist. crassum*).—Sons., 1889, 275 (syn. *Dist. magnum*); 1896, 114, 115; 1896, 303.—Ward, 1895, 238 (in cattle), 252–253, 254–255, pl. 2, figs. 14–16 (in cattle and deer) (includes: *D. hepaticum* p. p., *F. hepatica* p. p., *F. carnosa*, *F. americana*, *D. texanicum*), 332 (in *Bos taurus*), 335 (in *Ovis aries*), 338 (in *Equus caballus*); 1903, 866 (includes: *F. americana*, *F. carnosa*, *Cladocelium giganteum* p. p., *D. crassum* p. p., *D. texanicum*), 867.—Also reported for *Boselaphus tragocamelus*, *Cervus canadensis*, *C. dama*, *C. elaphus*, *C. virginianus*, *C. unicolor*.
maimonis Blainv., 1828a, 586, 2 figs. (in *Simia maimon*).—Dies., 1850a, 374 (syn. of *D. laciniatum*).
marmorosa Mueller, 1774, 71 (in *fossis aquaticis rara*).—Schränk, 1803, 175 (to *Plan.*).
melis Schränk, 1788, 17 (in *Dachs*, *Meles*), based on Gœze, 1782a, 176, pl. 14, figs. 9–10; 1803, 214.—Bosc, 1802a, v. 1, 268.—Dies., 1850a, 381 (syn. of *D. trigonocephalum*).—Gmelin, 1790a, 3053.—Rud., 1793a, 26–27; 1809a, 415.
mesostoma Rud., 1803a, 28 (in *Krametsvogel*); 1809a, 388 to *Dist.*—Braun, 1902b, 126.—Dies., 1850a, 361.

FASCIOLA—Continued.

- militaris* Rud., 1803a, 30–31 (in *Scolopax arquata*); 1809a, 421 (to Dist.).—Ben., 1858a, 1861a, 86 (to Dist.).—Dies., 1850a, 384 (to Dist.).
- milvi* Gmelin, 1790a, 3054 (in *Milvus*).—Bosc., 1802a, v. 1, 269.—Dies., 1850a, 385 (syn. of *D. echinocephalum*).—Rud., 1809a, 429 (syn. of *D. falconis milvi*).
- muris hepatica* Röederer, 1762, 537–539 (*Mus musculus*; Germany).—Braun, 1894.—Luehe, 1905, 146 (syn. of *Cysticercus fasciolaris*).—Stiles, 1906, 43.—Stiles & Stevenson, 1905a, 10.—Tschudi, 1837, 67.
- mutabilis* Schrank, 1803, 210–211.
- nana* Rud., 1802b, 68–69 (in *Scolopax gallinula*; Greifswald, July); 1809a, 377, to Dist.—Dies., 1850a, 350 (to Dist.).—Braun, 1902b, 47 (to *Plagiorchis*).
- nigra* Mueller, 1774, 54 (in rivo; free form).—Herbst, 1787a, 36.—Johnston, 1865, 9.—Schrank, 1803, 165 (to Plan.).
- nodulosa* Frœlich, 1791, 76–80 (includes *F. percæ cernuæ* Mueller (in *Perca cernua*, *P. fluviatilis*).—Dies., 1850a, 380 (to Dist.).—Looss, 1894a, 33 (to Dist.).—Nord., 1840, 621 (includes *F. luciopercæ*, *F. percæ cernuæ*).—Lamarck, 1816, 184.—Rud., 1809a, 411.—Schrank, 1803, 213.—Type of *Crossodera* 1845 and *Bunodera* 1896.
- obscura* Mueller, 1774, 65 (in *piscinis*).—Schrank, 1803, 171–172 (to Plan.).
- ocreata* Rud., 1802b, 79–81 (*F. halecis* Gmelin, renamed) (in *Clupea harengus*); 1809a, 329, 398 (to Dist.).—Dies., 1850a, 372 (to Dist.).—Mont., 1891, 15 (to *Apoblema*); 1891, 496, 499.—Type of *Pronopyge* 1899.
- ocreata* Gœze, 1782a, 182, pl. 15, figs. 6–7 (in *Maulwurf*).—Dies., 1850a, 326 (to *Monost.*) (in *Talpa europæa*).—Nord., 1840, 624 (to *Monost.*).—Rud., 1809a, 329 (to *Monost.*).
- ocularis* Moquin-Tandon, 1860, 347 (includes *Dist. ophthalmobium*, *Dicrocoelium oculi humani*); 1861; 1862.—R. Bl., 1888a, 630.—Stiles, 1902, 29.—Ward, 1895, 328 (in *Homo*).
- oculis* Moquin-Tandon (Hulme's), 1861, 375, for *F. ocularis*.—Stiles, 1902, 28, 29.
- ovata* Rud., 1803a, 25–26 (in *Corvus frugilegus*); 1809a, 357 (to Dist.).—Braun, 1901, 13; 1902b, 69, 77 (p. p. syn. of *Prosthogonimus cuneatus*; pp. syn. of *P. cuneatus*).—Dies., 1850a, 335 (to Dist.).—Hass., 1896a, 2, 3 (to *Cephalogonimus*).—Looss, 1899b, 629 (type of *Prymnopriion*).
- percæ* Gmelin, 1790a, 3057 (= *F. percæ cernuæ* renamed) (in *Perca cernua*).—Bosc, 1802a, v. 1, 273.—Baird, 1853a, 56 (syn. of *Dist. nodulosum*).—Bruguère, 1791a, pl. 79, fig. 14.—Rud., 1809a, 411 (syn. of *D. nod.*).
- percæ cernuæ* Mueller, 1776, 224; 1779a, 65, pl. 30, fig. 1 [sic. = fig. 3]; 1788, v. 1, 32, pl. 30, fig. 3 (in *Perca cernua*).—Dies., 1850a, 380 (syn. of *D. nodulosum*).—Herbst, 1787a, 33.—Looss, 1894a, 33 (syn. of *D. nod.*).—Nord., 1840, 621 (syn. of *F. nod.*).—Rud., 1809a, 410.—Schrank, 1788, 18.
- percina* Schrank, 1790, 123 (in *Perca asper*, *P. vulgaris*); 1803, 213.—Dies., 1850a, 380 (syn. of *D. nodulosum*).—Looss, 1894a, 33 (syn. of *D. nod.*).—Rud., 1809a, 411.
- picta* Rud., 1802, 64–65 (*F. vespertilionis* renamed) (in *Flödermaus*); 1809a, 427 (renamed *lima*).—Dies., 1850a, 387 (syn. of *D. lima*).—Kolenati, 1857, 12.
- platellæ* Bosc, 1802a, v. 1, 273 (see *plattessæ*).
- plattessæ* Mueller, 1784, 114, pl. 78, figs. 1–5; 1788, v. 2, 52, pl. 78, figs. 1–5.—Bruguère, 1791a, 79, figs. 26–27.—Cobbold, 1858b, 160.—Dies., 1850a, 352 (syn. of *D. areolatum*).—Gmelin, 1790a, 3057.—Rud., 1809a, 401 (renamed *D. areol.*).
- polymorpha* Rud., 1802b, 70–72 (*F. anguillæ* Gmelin, renamed) (in *Aal*); 1809a, 363 to Dist.—Dies., 1850a, 340 (to Dist.).
- punctata* Mueller, 1774, 57 (in *pratis inundatis primovere*, free form).—Pallas, 1774, 23, pl. 1, fig. 14 a b (in *aq.*, *Belgii*).—Schrank, 1803, 166 (to Plan.).
- punctum* (Zed., 1800) Blainv., 1828a, 586.
- pusilla* (Braun, 1790) Gmelin, 1790a, 3055.—Bosc, 1802a, v. 1, 269.—Dies., 1850a, 360, to Dist.—Rud., 1802b, 75–76; 1809a, 385 (to Dist.).
- putorii* Gmelin, 1790a, 3053 (in *Mustela putorius*).—Bosc, 1802a, v. 1, 268.—Dies., 1850a, 381 (syn. of *Dist. trigonocephalum*).—Rud., 1793a, 25–26; 1809a, 415.—Schrank, 1788, 17.—Stoss., 1892, 29 (syn. of *Echinost. trigonocephalum*).
- quadrangularis* Pallas, 1774, 20–21, pl. 1, figs. 12a–c (in *fossis*; *Hagæ comitum*).

FASCIOLA—Continued.

- radiata* Mueller, 1774, 66 (in aquis sylvestribus, rara).
- ranæ* Gmelin, 1790a, 3055 (for Plan. subclavata Gœze, 1782a, 178, which includes Fasc. subclavata, ore sessile Pallas pro parte; t. h. [based on Gœze] frog, Rana, intestine; Europe).—Bosc, 1802a, v. 1, 270.—Rud., 1809a, 348 (syn. of Amphist. subclavatum).
- ranæ* Frœlich, 1791, 69–73, pl. 3, figs. 7–8 (in Rana temporaria L.).—Baird, 1853a, 52 (syn. of Dist. clavigerum).—Braun, 1892a, 768.—Dies., 1850a, 352 (syn. of D. clavigerum).—Looss, 1894a, 84, 85, 88 (syn. of D. endolobum); 1905, 21, 22 (syn. D. endol.).—Olfers, 1816, 45.—Rud., 1809a, 348 (syn. of Amphist. subclavatum).
- reticulata* (Wright, 1879) Looss, 1899b, 557.
- revoluta* Frœlich, 1802, 58–60, pl. 2, figs. 6–7 (in Anas boschas; Europe).—Looss, 1899b, 680 (syn. of Echinost. echinatum).—Rud., 1814a, 102 (sub Dist. echinatum).
- rosea* Mueller, 1774, 58 (in sinu Dröbachiensis).
- rostrata* Mueller, 1774, 65–66 (in paludosis, primo vere annorum).—Johnston, 1865, 15.—Schränk, 1803, 170–171 (to Plan.).
- rubra* Mueller, 1774, 59 (Fucorum frequens).—To Plan. in 1776.
- saccata* Gœze, 1782a, 221, based on Sack-Egel of Merrem, 1781, 169, pl. 1, figs. 3–7.—Braun, 1894a, 4.—Raum, 1883, 20.—Stiles, 1906, 43.—Stiles & Stevenson, 1905a, 10 (syn. of Cysticercus fasciolaris).—Tschudi, 1837, 67 (syn. of Cyst. fasc.).—Zed., 1803a, 406 (syn. of Cyst. taeniæformis).
- salamandræ* Frœlich, 1789, 119–121, pl. 4, figs. 8–10 (in black salamander, Salamandra atra).—Bosc, 1802a, v. 1, 270.—Dies., 1850a, 356 (syn. of Dist. crassicolle).—Gmelin, 1790a, 3055.—Rud., 1809a, 378.—Stiles, 1901, 197.
- salmonis* Mueller of Gœze, 1782a, 173.—Luehe, 1901, 399 (? syn. of Hemiurus crenatus (Rud.) Luehe), 401.—Odhn., 1905, 353.
- scabra* Mueller, 1784a, 31–32, pl. 51, figs. 1–8, in Gadus barbatus; —, v. 2, 14, pl. 51, figs. 1–8 (in ventric. Gadus barbatus).—Bosc, 1802a, v. 1, 272.—Bruguère, 1791a, pl. 79, figs. 28–32, v–z.—Dies., 1850a, 393.—Gmelin, 1790a, 3056.—Knoch, 1894a, 3.—Mont., 1891, 507.—Odhn., 1905, 349 (=F. serrulata Mueller), 353.—Rud., 1809a, 406 (to Dist.).
- scombri pelamidis* Tilesius, in Rud., 1809a, 391 (syn. of Dist. clavatum), 437.—Buttel-Reepen, 1902, 166.—Cobbold, 1879b, 461.—Dies., 1850a, 366 (syn. of D. clav.).
- scorpii* Mueller, 1776, 223; 1779a, 64, pl. 30, fig. 1; 1788, v. 1, 32, pl. 30, fig. 1 (in Cottus scorpius, Blennius viviparus, int.).—Bosc, 1802a, v. 1, 273.—Bruguère, 1791a, 79, fig. 12.—Dies., 1850a, 366 (syn. of D. granulum).—Gmelin, 1790a, 3057.—Herbst, 1787a, 33.—Lamarek, 1816, 183–184.—Nord., 1840, 620 (syn. D. gran.).—Rud., 1809a, 394 (syn. of D. gran.).—Schränk, 1788, 18.
- serrulata* Mueller, 1776, see Gœze, 1782a, 173.—Luehe, 1901, 399 (? syn. of Hemiurus crenatus (Rud.) Luehe), 400, 401.—Odhn., 1905, 349 (=F. scabra Mueller), 353.
- soleæformis* Blainv., 1828a, 585 (for soleæformis Rud., 1809).
- squali grisei* Risso, —, 38, see Dies., 1850a, 347 (syn. of D. veliporum).
- stagnalis* Mueller, 1774, 53 (in stagnis; free form).—To Plan. in 1776.
- strigata* Mueller, 1774, 66–67 (in aquis paludosis).—To Plan. in 1776.
- strigis* (Schränk, 1788) Gmelin, 1790a, 3055.—Baird, 1853a, 47 (= Holost. macrocephalum).—Bosc, 1802a, v. 1, 269.—Dies., 1850a, 312 (syn. of Holost. variable).—Linst., 1905, 191.—Nord., 1840, 626 (syn. of Amphist. macrocephalum).—Rud., 1809a, 340 (syn. of Amphist. macro.).—Type of Strigea, Amphist., Holost.
- strigis stridulæ* Braun, in Rud., 1809a, 347.
- subclavata* (Gœze, 1782) Schränk, 1788a, 19; 1803, 211–212.—Dies., 1850a, 318 (of Schränk to Diplodiscus), 368 (of Pallas syn. of Dist. cylindraceum).—Looss, 1894a, 64 (Pallas e. p. syn. of Dist. cygnoides); 1905, 21, 22.—Rud., 1809a, 348 (of Schränk syn. of Amphist. subclavatum), 393 (of Pallas syn. of Dist. cylindraceum).
- subclavata ore sessile* Pallas, 1760 or 1761, 271 (polynomial), in lungs of Rana and liver of Hungarian sheep.

FASCIOLA—Continued.

- tentaculata* Mueller, 1774, 63–64 (in aquis palustribus).—To Plan.
- tereticollis* Rud., 1802b, 74–75 (F. lucii Mueller, renamed); 1809a, 380.—Ben., 1858a, 1861a, 100 (to Dist.).—[Blainv., 1828a, 585.]—Dies., 1850a, 358.—Looss, 1894a, 5; 1899b, 570 (type of Azygia).—Sramek, 1901, 105 (to Dist.).
- terrestris* Mueller, 1774, 68–69 (in asseribus muscisque humidis).—Claus, 1885a, 262 (to Rhynchodermus, Geoplanidae).—Metchnikov, 1866b, 433–447; 1866, 22 pp. (? syn. of Geodermus bilineatus).
- tetragona* Mueller, 1774, 69 (in stagno ac foveis aquæ purioris nec vulgaris).—To Plan. in 1776.
- tinca* Modeer, 1790, 127 (in Cyprinus tinca).—Dies., 1850a, 395 (syn. of D. perlatum).—Looss, 1894a, 24 (syn. of D. perl.).—Rud., 1809a, 365 (syn. of D. globiporum).—Stiles & Hass., 1898a, 92 (syn. of D. perlatum).
- torva* Mueller, 1774, 62–63 (in aquis).—Johnston, 1865a, 11.—Schränk, 1803, 167–169 (to Plan.).
- trachea* Montagu, 1811a, 194–198, pl. 7, fig. 4 (in poultry).—Hass., 1896a, 3, 6 (syn. of Syngamus trachealis); 1896b, 1, 2.—Rail., 1893a, 453 (syn. of Syng. trach.).
- transversalis* Rud., 1802a, 69 (in Cobitis fossilis); 1809a, 362; 1819a, 95 (Greifswald and Berlin).—Dies., 1850a, 339.—Odhn., 1901, 505.
- tremellaris* Mueller, 1774, 72 (in mari Balthico, Hafniam alluente).—Johnston, 1865a, 6.—To Plan. in 1776.
- trigonocephala* Rud., 1802b, 87–88 (F. melis Schränk, renamed) (in Schweinigel).—Dies., 1850a, 382.—Lamarck, 1816, 184.—Nord., 1840, 621–622 (includes D. echinatum, Echinotus echinatum, E. ferox, F. echinata, F. ferox, Plan. putorii).—Stoss., 1892, 29 (to Echinot.).
- trutta* Bosc, 1802a, v. 1, 274 (for truttæ, Frölich).
- truncata* Mueller, 1806, 35, pl. 151, fig. B, 1–3 (in Perca lucioperca).—Rud., 1814a, 105.
- truttæ* (intestinalis) Röederer, 1762, June 19, 537 (in forelle).—Bosc, 1802a, v. 1, 274.—Dies., 1850a, 583 (syn. of Ligula nodosa).—Luehe, 1904, 146; 1905, 334 (=Echinorhynchus).—Rud., 1809a, 262 (? syn. of Echinorhynchus fusiformis); 1810a, 18 (syn. of Lig. nod.).—Schränk, 1803, 209.
- truttæ* Frölich, 1789, 126, 127, pl. 4, figs. 16–17 (in Salmo trutta; Europe).—Dies., 1850a, 380 (syn. of Dist. laureatum).—Gmelin, 1790a, 3058.—Rud., 1809a, 413 (syn. of D. laur.); 1814a, 102 (syn. of D. farionis Frölich).
- umblæ* Fabricius, 1780a, 329; 1794, 26–29, pl. 3, figs. 6–8 D (in Salmo umbla; Greenland).—Bosc, 1802a, v. 1, 274.—Dies., 1850a, 343 (syn. of Dist. seriale).—Gmelin, 1790a, 3058.—Herbst, 1787a, 36.—Rud., 1809a, 368, 369 (renamed Dist. seriale, in Salmo alpinus).
- uncinata* Dies., 1850a, 412 (syn. of Polyst. integerrimum) lapsus for uncinulata.—Stoss., 1898, 10.
- uncinulata* (Braun, 1790) Gmelin, 1790a, 3056.—Bosc, 1802a, v. 1, 270.—Nord., 1840, 594 (syn. of Linguatula integerrima).—Rud., 1809a, 452 (syn. of Polyst. integerrimum).
- upupæ* Schränk, 1790, 123 (in Upupa epops, rectum); 1803, 211.—Dies., 1850a, 351 (syn. of Dist. involutum).—Rud., 1809a, 377 (syn. of D. involutum).
- varica* Mueller, 1784a, 93–94, pl. 72, figs. 8–11 (in Salmo salar); 1788, v. 2, 43, pl. 72, figs. 8–11.—Bosc, 1802a, v. 1, 273.—Bruguière, 1791a, pl. 80, figs. 5–8.—Dies., 1850a, 368 (to Dist.).—Gmelin, 1790a, 3057.—Lamarck, 1816, 184.—Levin., 1881a, 54 (to Dist.).—Nord., 1840, 620 (to Dist.).—Odhn., 1905, 360 (to Derogenes).—Rud., 1802b, 81; 1809a, 396 (to Dist.).
- venarum* (Treutler, 1793) Schränk, 1803, 210.
- ventricosa* Pallas, 1774, 17–18, pl. 1, figs. 9–10 (host not given; Amboyna).—Baird, 1853a, 59 (to Hirudinella).—Buttel-Reepen, 1900a, 586; 1902, 166, 172, pl. 6, fig. 2.—Cobbold, 1879b, 459, 460.—Darr, 1902, 664, 665, 666.—Dies., 1859c, 431.—Herbst, 1787a, 36.
- verrucosa* Frölich, 1789, 112–115, pl. 4, figs. 5–9 (in weidender Gänse) Ben., 1858a, 1861a, 78 (to Monost.).—Dies., 1839e, 234; 1850a, 411 (syn. of Notocotyle triseriale).—Hass., 1896a, 3 (to Notocotyle).—Mont., 1892, 26.—Nord., 1840, 602 (syn. of Nocotylus triserialis), 624 (to Monost.).—Odhn., 1905, 366 (type of Catatropis).—Rail., 1893a, 340 (to Notocotyle).—Rud., 1809a, 331.—Schränk, 1803, 209.

FASCIOLA—Continued.

vespertilionis Mueller, 1784a, 95–96, pl. 72, figs. 12–16; 1788b, v. 2, 43–44, pl. 72, figs. 12–16 (in *Vespertilio auritus*).—Bosc, 1802a, v. 1, 268–269.—Braun, 1900, 387.—Bruguière, 1791a, pl. 80, figs. 9–11.—Dies., 1850a, 387 (syn. of *D. lima*).—Gmelin, 1790a, 3053.—Kolenati, 1857, 12.—Lamouroux, 1824a, 563.—Rud., 1793a, 27–28; 1809a, 427.—Schränk, 1788, 18.

viridis Mueller, 1774, 59–60 (in *radicibus fucorum*; Greenland).

vulpis Gmelin, 1790a, 3053 (in *Canis vulpes*; Europe).—Brand., 1888a, 9, 60 (syn. *Hemist. alatum* Dies.).—Dies., 1850a, 308 (syn. of *Hemist. alatum*).—Rud., 1793a, 30–32; 1809a, 402 (syn. of *D. alatum*).

FASCIOLARIA Rafinesque, 1815, 151, fam. name, includes *Anthostoma*, *Caryophyllus* Zed., *Fascinia*, *Fasciola* L., *Hexathyridia* Treutler, *Linguatula* L., *Lingula* L., *Polystoma* Zed., *Unicola* Raf.

FASCIOLARIA Encyclop. Metrop. or Universal Dict. of Knowledge, Lond., v. 18, 141 (as generic name) [not *Fasciolaria* Lamarck, 1799, mollusk].—Dies., 1850a, 577 (misprint for *Fasciola*).—Stiles & Hass., 1898a, 89 (syn. of *Fasciola*).

fimbriata (Göze, 1782) Dies., 1850a, 577 (misprint for *Fasciola*) (syn. of *Caryophyllæus mutabilis*).—Sramek, 1901, 114 (syn. of *C. mut.*).

hepatica (Linn., 1758) Encycl. Metropolitana, 1845, v. 18, 141 (type of *Fasc.*).—Stiles, 1898a, 29.—Ward, 1895, 246.

ranæ (Gmelin, 1790) Nord., 1840, 627 (syn. of *Amphist. subclavatum*) (for *Fasciola*).

FASCIOLIASIS, BIBLIOGRAPHY OF: Huber, 1890f, 77–79.

———, GEOGRAPHIC DISTRIBUTION: Biermer, 1863a, 381–395 (Switzerland); 1895a, 253 (Switzerland).—Chardin, 1876a, 277–314 (Orleansville).

———, in various animals: Burke, 1886b, 470; 1887a, 47.—Hass., 1894a, 162–167 (epizootics).

———, in cattle: Bilhuber, 1791a (and sheep).—Lucet, 1890b, 548–549 (lungs); 1890c, 549–550 (spleen).—Stiles, 1902b, 64–69, figs. 93–98, 126–134, figs. 99–109, 204–209, figs. 110–113, 312–319, figs. 114–118, 373–379, figs. 119–122, 558–559, figs. 123–124.

———, HEPATIC, IN MAN: Askanazy, 1900b, 491, 496 (Bostroem's 1883a case); 1901, 75 (chronic choleperitis and fibrinous periportitis).—Biermer, 1863a, 381–395 (Switzerland); 1865a, 253 (Switzerland).—R. Bl., 1891p, 604–606, 616 [see correction in R. Bl., 1894g].—Bossuat, 1902 v. 6 (2), 187.—Bostroem, 1883a, 557–577, 1 fig.—Chabert, 1852a, 173–174 [a tapeworm]; 1852c, 174; 1852d, 195–196.—Chester, 1887a, 359–360 (must have been contracted in Dorsetshire, England).—Duffek, 1902a, 772–775; 1902b, 826; 1903a, 30; 1903, Aug. 15, 843.—Garcia Sola, 1884a, 129–135, fig. 5.—Huber, 1896, 574–575 (22 cases in 100 years).—Humble & Lush, 1881a, 75–76 (England).—Leichtenstern, 1885b, 502.—Prunac, 1878, 1147–1149; 1879, v. 27, 99–109; 1879, July 27, 429–434.—Sagarra, 1890, v. 14, 505–512; 1891, Apr. 18, 510–511.—Staff., 1905, Apr. 11, 694 (Canada).—Wyss, 1868, v. 9, 172–177, pl. 3, figs. 1–2.

———, HEPATIC, SHEEP: Bass, 1893a, 93.—Cristini, (1845a).—[Dowling, 1894a, 232.]—[Dun, 1880a, 550–556; 1881a, 141–204.]—[Dupuy, 1838a, 511–523.]—Flemming, 1881a, 87–93; (1881b).—[Fonssagrives, 1868a, 299–315, figs. 1–2.]—[Friedberger, 1880a.]—[Frommann, 1688b, 245–252.]—General, (1883a), 86–87.—Halse, 1887a, 62 pp.; 1887b, 65; 1888a, 147–149.—Hutcheon, 1895h, 350–354, figs. 1–4.—King, 1836a, 95–101.—Morton, 1839, 735–738.—Waldinger, 1818.—Wernicke, 1888, 673 (Buenos Ayres).

———, PATHOLOGY AND LOCATION: Bossuat, 1902, 187.

———, symptoms: Khouri, 1904, 78, 79, 80, 81 (halzoun).

———, treatment: Bennett, 1876a, 677–680 (salt and potash: Australia).—[Hellier, 1895k, 635.]—[Hutcheon, 1891m, 86–87; 1891n, 140–141, sheep; 1893b, 23 (creolin)]; 1897b, 100 (sheep); [1897g, 142–146].—Syme, 1895, Dec. 26, 680–681.

FASCIOLIDE Rail., 1895, 338.—R. Bl., 1895, 729–730.—Braun, 1900b, 387–391 (of Chiroptera); 1900c, 24–32 (Clinost.); 1900d, 27–29 (Rhopalias); 1900f, 387–391 (of Chiroptera); 1900g, 250; 1901i, 55–58 (nomenclature); 1902a, 120 (nomenclature); 1902b, 1–162, figs. 1–99 (of birds); 1902c, 442–444; 1903, 3. ed., 147, 445; 1905, 59–60.—Darr, 1902a, 644–701, pls. 33–35, figs. 1–34; 1902b, 735–736; 1902, 58 pp.; 1905, July, 55–56.—Looss, 1901, 91; 1901, 191, 196; 1902m,

FASCIOLIDÆ—Continued.

- 838.—Luehe, 1901, 486–488.—MacCallum, 1899, 707.—Pratt, 1902, 887, 893 (key) (includes Anisocelinae, Bunoderinae, Centrocestinae, Cotylogoniminae, Echinostominae, Fasciolinae, Haplometrinae, Omphalometrinae, Opisthorchiinae, Philophthalminae, Plagiorchinae, Psilostominae, Reniferinae, Anaporrhutinae, Brachycoeliinae, Cephalogoniminae, Dicrocoeliinae, Clinostominae, Gorgoderinae, Harmostominae, Microphallinae, Pleurogenetinae, Hermiurinae, Syncœliinae, Telorchinae, Urogoniminae, Zoogoninae).—Roger, 1901, 94.—Shipley, 1905, v. 6, 4.—Stiles, 1898a, 22, 27, 28; 1901, 191, 192, 195; 1904i, 10–11, 12–45, figs. (of man).—Stiles & Hass., 1898a, 81–89 (type Fasciola; superspecific inventory).—Ward, 1903, 863, 864, 865.
- FASCIOLINÆ Stiles & Hass., 1898a, 86, 90, 95, 96 (subf. of Fasciolidæ).—Looss, 1899b, 543, 556, 560, 561, 626; 1901, 196; 1902m, 839.—Luehe, 1900, 562; 1901, 486; 1901, 175.—Odhm., 1905, 339, 344, 346, 347.—Pratt, 1902, 887 (includes Campula, Fasc., Fasciolopsis; related genera: Paragonimus, Pleorchis).—Stiles, 1898a, 22, 28.—Ward, 1903, 867.
- FASCIOLOPIS Odhm., 1902, 581, misprint for Fasciolopsis.
- buski* (R. Bl., 1888) Odhm., 1902, 581.
- FASCIOLOPSIS Looss, 1899b, Dec., 557, 561 (tld. buskii), includes crassa Busk, jacksoni Cobbold.—Braun, 1903, 3. ed., 153; 1906, 158.—Odhm., 1905, 339, 344, 346.—Pratt, 1902, 887, 893.—Stiles, 1904i, 39–40.—Ward, 1903, 866.
- 1902: Fasciolopsis Odhm., 1902, 581, misprint.
- buski* (R. Bl., 1888) Odhm., 1902, 573–581, figs. 1–3. See buskii.
- buskii* (Lankester, 1857) Stiles, 1901, 1542; 1904i, 41–42, figs. 63–66 (in Homo).—Braun, 1903, 3. ed., 153–154, fig. 99 (in Homo); 1906, 159, fig. 90 (buski) (syns. Dist. buski and D. crassum).—Conyngnam, 1904 (IX, 17), 663.—Looss, 1905, 110, fig. 16; 1907, Feb. 1, 123 (buski) (from Hongkong).—Moore & Ferril, 1905a, Sept. 30, 1002–1003, figs. 1–7; 1905b, 8 pp., figs. 1–7 (in U. S.).—Ward, 1903, 864, 867; 1903, 704.
- crassa* (Cobbold, 1860) Looss, 1899b, 557.
- jacksoni* (Cobbold, 1869) Looss, 1899b, 557.
- rathouisi* (Poir., 1887) Ward, 1903, 864, 867; 1903, 704.—Looss, 1905, 111, fig. 17.—Stiles, 1904i, 42–43, fig. 67.
- FELLODISTOMUM Staff., 1904, May 3, 486 (m. incisum).—Odhm., 1905, 310.
- incisum* (Rud., 1809) Staff., 1904, 486 (in Anarrhichas lupus).
- FESTUCARIA Schrank, 1788, Gattung 9, 16–17 (type by elimination anatis, see Luehe, 1901; also type by first species rule); 1803, 185.—Blainv., 1824a, 512 (“genre adopté de Schrank pour le Distoma trigonocephalum, qui paraît n’être qu’une espèce de monostome”), 518 (“ce sont les monostomes cylindriques et à bouche terminale de M. Rudolphi”).—Brand., 1888a, 8.—Braun, 1893a, 884, 894.—Cuv., 1817, 40.—Dies., 1850a, 307 (syn. of Hemist.), 312 (syn. of Holost.), 319 (syn. of Monost.), 400 (of Zed., syn. of Amphist.), 411 (syn. of Notocotyle).—Hémont, 1827, 9.—Knoch, 1862, 30.—Lamouroux, 1822a, 194.—Looss, 1901, 193; 1902m, 746, 755.—Luehe, 1901p, 174, 175 (type anatis).—Rafinesque, 1815, 151 (renamed Monostomeus).—Rud., 1801a, 50, 54; 1809a, 21.
- alata* (Gœze, 1782) Schrank, 1790, 118; 1803, 208–209.—Brand., 1888a, 60 (to Hemist.).—Dies., 1850a, 308 (to Hemist.).—Lamouroux, 1822a, 194.—Rud., 1809a, 402, 403 (to Dist.).
- anatis* Schrank, 1788, 16, based on Gœze, 1782a, 174, pl. 13, figs. 8–11 (in Enten).—Dies., 1850a, 383 (syn. of D. echinatum).—Luehe, 1901p, 175 (type of Festucaria by elimination), species unidentifiable, possibly Echinost. echinatum.—Rud., 1809a, 418.
- boschadis* Schrank, 1790, 122–123 (in Anas boschas sylvestris, A. b. dom.); 1796, 332, pl. 5, figs. 16–17; 1803, 207–208.—Dies., 1850a, 383 (syn. of D. echinatum).—Looss, 1899b, 680.—Rud., 1809a, 418, 419.
- caryophyllacea* Rud., 1810a, 353 (misprint for caryophyllina).
- caryophyllina* Rud., 1802a, 66–67, pl. 1, fig. 3 (in Gasterosteus aculeatus); 1809a, 325.—Dies., 1850a, 328 (to Monost.).—Rail., 1893, 339 (to Monost.).
- cervi* Zed., (1790), 65–74, pl. 3, figs. 8–11 (in Hirsch).—Dies., 1836, 246; 1850a, 401 (syn. of Amphist. conicum).—Fischder., 1901, 368 (to Paramphist.); 1902, 11 (to Paramphist. as type); 1903h, 504, 506 (of the Hirsch, Vormagen).—Looss, 1896b, 32 (to Amphist.).—Rud., 1809a, 350.—Stiles, 1898a, 64.—Ward, 1895, 256 (syn. of Amphist. conicum), 332 (in Bos taurus), 335 (in Ovis aries).

FESTUCARIA—Continued.

cyprinacea Schrank, 1790, 122 (in *Cyprinus barbus*); 1803, 207.—Dies., 1850a, 329 (syn. of *Monost. cochleariforme*).—Nord., 1840, 624 (syn. of *Monost. cochl.*).—Rud., 1809a, 326 (renamed *M. cochl.*), 410.

lentis (Gescheidt, 1833) Moquin-Tandon, 1860, 349; 1861, 375; 1862, —. — R. Bl., 1888a, 542, (to *Monost.*).—Stiles, 1902s, 25, 28.—Ward, 1895, 328.

oti Rud., 1819a, 354 (*F. otidis* Frölich, 1802, renamed).

otidis Frölich, 1802, 53–54 (changed to *oti* Rud., 1819, 354) (in *Strix otus*).—Rud., 1814a, 99–100.—Baird, 1853a, 47 (=Holost. macrocephalum Blainv.).

pedata Schrank, (1769), 335–340 (in *Anas querquedula*); 1803, 208 (includes *F. anatis* Schrank, 1788).—Baird, 1853a, 45 (=Monost. verrucosum).—Ben., 1858a, 1861a, 78 (syn. of *Monost. verr.*).—Dies., 1839, 234; 1850a, 411 (syn. of *Notocotyle triseriale*).—Odh., 1905, 366 (syn. of *Catartopis verrucosa*).—Rud., 1809a, 331.

pileata Rud., 1802a, 65–66 (in *Sterna hirundo*); 1809a, 338 (to *Monost.*).—Dies., 1850a, 314 (to *Holost.*).

strigis Schrank, 1788, 16–17 based on Goeze, 1782a, 174, pl. 14, figs. 4–6 (in *Weideneule*).—Baird, 1853a, 47 (=Holost. macrocephalum).—Dies., 1850a, 312 (syn. of *Holost. variabile* Nitzsch).—Frölich, 1802, 51–52.—Linst., 1905, 191.—Luehe, 1901, 175.—Rud., 1809a, 340 (syn. of *Amphist. macrocephalum*); 1814a, 99.—Type of *Strigea*, 1790.

ventricosa Rud., 1803, 20–21 (in *Nachtigall*); 1809a, 335 (to *Monost.*); 1819a, 86 (in *Motacilla lusciniæ*; Greifswald, May).—Dies., 1850a, 328 (to *Monost.*).

FESTUCARIOCREATA Rud., 1802, 67 (apparently lapsus for *Festucaria ocreata*).

FLUKES (vernacular name for Trematoda, esp. for *Fasciola hepatica*) Cobbold, 1883, 514–515.—Dugmore, 1895a, 491.—Feuerheerdt, 1896a, 272–273 (life history).—Hahn & Lefevre, 1884a, 515–549 (douves).—Johnson's New Univ. Cycl., N. Y., 1876, v. 2, 176.—Kuech., 1890, 186 (mode of alimentation).—Tyson, 1903, 3, ed., 1180–1181 (of liver).—Veterinarian, Lond., 1880, June, 397.

FRIDERICIANELLA Brand., 1894a, 305–311 (m. *ovicola*).—Maclaren, 1904, 583.—Mont., 1903, 336 (subf. *Calceostominae*); 1905, 65.—St.-Remy, 1898, 524, 564.

ovicola Brand., 1894a, 303–310, pl. 19, figs. 1–4 (in *Arius commersonii* Lac.; Rio Grande do Sul, Brazil).—Bettend., 1897a, 16; 1897, 320.—Goto, 1899, 290.—Maclaren, 1904, 597.—St.-Remy, 1898, 565, fig. 5.

FURCOCERCA Lamarck, 1815, 446–448 (type?).—Braun, 1892a, 767; 1893a, 884.—Nitzsch, 1827, 66.—Pag., 1857, 5.—Bory de St. Vincent, 1823a, 355; 1825a, 83–84.

catellina (Mueller, 1786) Lamarck, 1815, 448.

catellus (Mueller, 1773) Lamarck, 1815, 448.

crumena (Mueller, 1786) Lamarck, 1815, 447–448.

luna (Mueller, 1786) Lamarck, 1815, 448.

lupus (Mueller, 1773) Lamarck, 1815, 448, based on Mueller, —, pl. 20, figs. 14–17.

orbis (Mueller, 1786) Lamarck, 1815, 448.

podura (Mueller, 1773) Lamarck, 1815, 447, based on Mueller, pl. 19, figs. 1–5.—Bory de St. Vincent, 1825a, 84 (syn. *Cerc. podura* Mueller).

serrata Bory de St. Vincent, 1825a, 84 (syns. *Furcularia furcata* Lamarck, *Vorticella furcata* Mueller) (in infusion de foin).

trilobata Bory de St. Vincent, 1825a, 84 (in infusions d'écorce de chêne).

viridis (Mueller, 1774) Lamarck, 1815, 447.

[*cercarie* Wagener], see Dies., 1858d, 276 (*furcocerce cercarie* Wagener, syn. of *Bucephalopsis aculeatus* Dies.).

FURCULARIA

furcata (Mueller, 1786) Lamarck, 1816, 39.—Bory de St. Vincent, 1825a, 84 (syn. *Furcocerca serrata*).

GALACTOSOMUM Looss, 1899b, 671 (m. *lacteum*) subf. *Haplorchiniæ*; 1902m, 512.—Pratt, 1902, 890, 910.

lacteum (Jägers., 1896) Looss [1899, 671]; 1902m, 512 (type).

GANEO Klein, 1905, June 9, 72 (m. *glottoides*); ganeo, der Prasser, Schwelger.

glottoides Klein, 1905, June 9, 72–78, pl. 5, figs. 6–8 (in *Rana hexadactyla*, intestine); 1905, 14–20, figs. 6–8.

GASTERODISCINÆ Mont.

GASTEROSTOMA Mont., 1888a, 84, see *Gasterostomum*.

GASTEROSTOMATA Odhn., 1905, 295–296.

GASTEROSTOMATIDÆ Gamb., 1896a, 73.

GASTEROSTOMIDÆ Braun, 1883a, 59; 1893a, 887, 895, 900, 912; 1895b, 136.—Hoyle, 1890, 539.—Jackson, 1888, 654, includes *Gasterost.* (*Bucephalus*, larval form).—Looss, 1899b, 541, 543; 1901, 196.—Luehe, 1901, 488.—Mont., 1888, 14, 52, 92, 105.—Odhn., 1905, 296.—Par., 1887, 335.—Pratt, 1902, 890 (*Gasterost.*).—Schneidemuehl, 1896, 295.—Sieb., —.

GASTEROSTOMIDES R. Bl., 1888a, 541 (embraced in *Distomiens*).

GASTEROSTOMINÆ Mont., 1892, Oct. 7, 214 (subf. of *Distomidæ*).—Braun, 1893a, 890.—Looss, 1899b, 541.—Mueh., 1898, 30.—Stoss., 1898, 59.

GASTEROSTOMUM Sieb., 1848, 112, 129, 138 (m. *fimbriatum*); 1854, 20.—Ben., 1870c, 142.—Bettend., 1897a, 15; 1897, 319.—Biehringer, 1888a, 231, 232, 233.—Brand., 1891d, 12; 1892, 507.—Braun, 1890a, 520; 1890b, 127; 1892a, 568, 577, 583, 586, 589, 603, 605, 608, 614, 629, 635, 336, 640, 641, 644, 659, 660, 671, 672, 673, 682, 683, 696, 700, 704, 708, 709, 711, 713, 715, 718, 721, 726, 727, 732, 736, 757, 760, 773, 806, 807; 1893a, 823, 834, 867, 872, 879, 886, 887, 890, 895, 899, 913, 916, 918; 1895b, 121, 125, 136; 1899, 3.—Carus, 1863, 479.—Dies., 1858e, 313, 360–361 (mentions only *fimbriatum*); 1859c, 436–437.—Fil., 1855b, 25.—Gamb., 1896, 73.—Hoyle, 1890, 539 (8 sp. in fish, larva *Bucephalus*), 540.—Jackson, 1888, 642, 644, 648, 651 (= *Bucephalus*), 654.—Kath., 1894a, 138.—Lacaze Duthiers, 1854a, 295, 301.—Leuck., 1863, 474, 477, 503, 524.—Lint., 1905, 327 (*Bucephalus haimeanus*).—Looss, 1893b, 819; 1894a, 105, 158, 179, 191, 202, 203.—Mont., 1888a, 7, 10, 11, 12, 15, 33, 34, 38, 43, 46, 60, 77, 79, 84 (*Gasterost.*), 92, 105; 1891, 110; 1892, Oct. 7, 214 (g. of *Gasterostominæ*); 1893, 3, 9, 28, 95, 147.—Moul., 1856a, 12, 175, 178.—Odhn., 1905, 296 (type *fimbriatum*), 297, 307.—Poche, 1907, 125.—Pratt, 1900, 647; 1902, 890, 891, 908.—Schneidemuehl, 1896, 295.—Spengel, 1905, 258.—Ssinitzin, 1906, 688.—Stoss., 1898, 59.—Tennent, 1906, 639 (in *Cyclopterus lumpus*).—Wagener, 1852, 557–567, figs. 2–3.—Wallenstedt, 1847, 7.—Wolf, 1903, 615, 617.—Ziegler, 1905, 36.—Cf. *Bucephalus*.

arcuatum Lint., 1900, 277, 278, 297–298, pl. 41, figs 85–90 (in *Sarda sarda*; Woods Hole); 1901, 416 (in *Sarda sarda*, *Carcharinus obscurus*), 427, 446, 447; 1905, 329, 335, 363, 365, fig. 235 (in *Caranx hippos*, *Scomberomorus regalis*).—Tennent, 1906, 640 (in *Car. obs.*).

armatum Mol., 1859, 291 (t. h. *Conger conger*; Padua); 1859, 820; 1861, 224–226, pl. 4, figs. 4–5, pl. 6, figs. 1, 3.—Braun, 1892a, 752; 1893a, 913.—Dies., 1859c, 436.—Levin., 1881a, 64, 76–78 (in *Cottus scorpius*; *Egedesminde*) [see below].—Mont., 1893, 95.—Odhn., 1905, 305 (of Mol., 1861, syn. of *Prosorhynchus crucibulum* Rud.), 307; 1905, 297, 298 (syn. of *Pros. squamatus*).—Staff., 1904, May 3, 488 (in *Acanthocottus scorpius*, *Brosenius brosius*, *Hemitripterus americanus*, *Hippoglossus hippoglossus*).—Stoss., 1885, 161; 1898, 60.—Tennent, 1906, 639, 640, 669, 679 (in *Conger conger*).—Ziegler, 1883, 538 to (*Rhipidocotyle?*), 539 (syn. of *G. crucibulum* Gerv. & Ben.), 548 (in *Conger conger*).

armatum of Olss., 1868, 56, pl. 5, figs. 107–108, and of Levin., 1881, 76, pl. 3, fig. 4.—Odhn., 1905, 297, 298 (syn. of *Prosorhynchus squamatus*).

baculum Lint., 1905, 327, 329, 335, 362, figs. 233, 234 (in *Scomberomorus maculatus*; Beaufort, North Carolina), based on *Gasterost. sp.* Lint., 1901, 447, pl. 34, figs. 369–372.

blanchardi Stoss., 1898, 61 (in *Labrax lupus*; Trieste).

clupeæ Ben., 1870, 67 (in *Clupea sprattus*; Belgium).—Braun, 1893a, 913.—Tennent, 1906, 639 (in *Cl. spr.*).—Ziegler, 1883, 539 (in *Cl. spr.*).

crucibulum (Rud., 1819) Gerv. & Ben., 1859b, 207; 1870, 82, pl. 3, fig. 18.—Braun, 1892a, 784, 789; 1893a, 913.—Dies., 1859c, 425 (to *Monost.*), 437.—Lint., 1878a, 272 (in *Conger cassinii*).—Mont., 1893, 95.—Odhn., 1905, 305 (of Ben., 1870, syn. of *Prosorhynchus aculeatus*; of (Rud.) Olss., syn. of *Pros. crucibulum*.—Stoss., 1892, 66; 1898, 60–61 (in *Conger vulgaris*; Trieste).—Tennent, 1906, 639, 640, 679.—Ziegler, 1883, 539, 548 (syn. of *G. armatum* Mol.), 563.

fimbriatum Mol., 1859, 819–821, pl. 2, fig. 1 (t. h. *Anguilla vulgaris*; Padua).—Braun, 1892a, 575, 595, 599, 673, 709, 712, 717, 718, 784; 1893a, 866, 871, 913.—Buttel-Reepen, 1902, 215.—Cobbold, 1879b, 462.—Gamb., 1896, 72.—Madrox, 1867, 97.

GASTEROSTOMUM—Continued.

- fimbriatum* Sieb., 1848, v. 1, 129 (in *Perca fluviatilis*, *Lucioperca*; [Europe]) as possible adult of *Bucephalus polymorphus*.—Badcock, 1875a, 145 (in *Perca fluviatilis*, *Lucioperca*, carp; larva *Bucephalus polymorphus*.—Biehringer, 1888a, 230.—Brand., 1891d, 7.—Braun, 1892a, 575, 595, 599, 673, 709, 712, 717, 718, 784; 1893a, 866, 871, 913.—Dies., 1858e, 361 (in *Lucioperca sandra*, *Perca fluviatilis*, *Esox lucius*); 1859c, 435, 436 (cf. *Dist. campanula* Duj.).—Giard, 1874e, 487.—Haarlem, —, v. 9, 89; —, v. 13, 103, pl. 24, figs. 1–7.—Hausmann, 1896a, 392 (in *Luc. sandra*); 1897b, 4, 6, 20, 22, 34–35, pl. 1, figs. 6–8 (in *Luc. sandra*).—Juel, 1889, 12, 36.—Kowal., 1894, 4; 1894, 221.—Linst., 1878a, 208 (in *Perca fluviatilis*); 1878, 230.—Looss, 1885b, 11, 14; 1892a, 122; 1894a, 203, 205, 206, 207.—Mont., 1888a, 34.—Mueh., 1898, 30.—Odhn., 1905, 296 (type of genus), 300, 301, 303.—Olss., 1893, 12.—Par., 1887, 336.—Poche, 1907, 125.—Stoss., 1883, 119; 1898, 59–60 (in *Anguilla vulgaris*, *Triest*).—Tennent, 1906, 637, 638, 641, 643, 665, 666, 677, 678, 682 (in *Perca*, *Lucioperca*).—Wagener, 1852, 565–567; 1857, 45, pl. 24, figs. 1–7; 1858, 250; 1860, 165 (syn. *Dist. campanula*).—Ziegler, 1883, 491; 1883, 537, 538, 539, 541–567, pl. 33, figs. 16, 18–22, 27, 28.—Also reported for *Abramis alburnus*, *Blicca bjoerkna*, *Blicopsis abramo-rutilus*, *Gobio fluviatilis*, *Leuciscus erythrophthalmus*, *Lota vulgaris*, *Squalius leuciscus*.
- gadorum* (Rathke, 1799) Linst., 1878a, 238 (in *Gadus morrhua*; *G. virens*).—Braun, 1893a, 871.
- galeatum* (Rud., 1819) Stoss., 1898, 62 (in *Lichia amia*; *Triest*).
- gorgon* Lint., 1905, 327, 335, 364, figs. 240–242 (in *Seriola lalandi*; Beaufort, North Carolina).
- gracilescens* (Rud., 1819) Wagener, 1852, 563, pl. 16, fig. 3.—Braun, 1892a, 673; 1893a, 866, 880, 913.—Cobbold, 1872b, 92; 1879b, 52, 462, fig. 78.—Dies., 1858e, 361 (to *Rhipidocotyle*) (in *Lophius piscatorius*).—Gamb., 1896, 72.—Hausmann, 1897b, 34.—Linst., 1878a, 223 (to *Rhipidocotyle*).—Lint., 1905, 327, 335, 353, 357, 360, 365, 370, 402, 410, 414, figs. 230–232, 236–239 (in *Caranx hippos*, *Menidia menidia*, *Opsanus tau*, *Paralichthys albiguttus*, *Pomatomus saltatrix*, *Spheroides maculatus*, *Stolephorus brownii*, *Tylosurus marinus*).—Maddox, 1867, 97.—Mol., 1859, 821 (*Loph. pisc.*; Padua).—Odhn., 1905, 296, 302, 303.—Sons., 1891, 258 (in *Loph. pisc.*).—Stoss., 1890, 44; 1898, 61–62 (in *Loph. pisc.*; *Triest*).—Tennent, 1906, 637, 638, 640, 664, 666, 679, 682 (larva = *Bucephalus haimeanus*), pl. 40, fig. 40, pl. 41, figs. 44–50, 52, 53, pl. 42, figs. 54–58 (in *Loph. pisc.*).—Ziegler, 1883, 538, 539.—Also reported for *Gadus aeglefinus*, *G. minutus*, *Esox*, *Molva*.
- illense* Ziegler, 1883, 543 (in *Esox lucius*, *Leuciscus erythrophthalmus*; Strassburg).—Hausmann, 1896a, 392.
- laciniatum* Mol., 1859, 821 [apparently lapsus for *fimbriatum*].—Par., 1894, 167 (in *Anguilla vulgaris*; Padova, *Triest*, *Cagliari*).
- minimum* Wagener, 1852, 558–563, fig. 2 (t. h. *Trigla microlepidota*).—Braun, 1889a, 356; 1892a, 599, 673; 1893a, 880, 913.—Dies., 1858e, 361, 362 (to *Rhipidocotyle*) (in *Tr. micr.*).—Odhn., 1905, 296.—Tennent, 1906, 637, 638 (in *Tr. micr.*).—Ziegler, 1883, 538, 548 (in *Tr. micr.*).
- minimum* Stoss., 1887, 96, pl. 10, fig. 41 (in *Labrax lupus*; *Triest*); 1898, 61.—Hausmann, 1897b, 34.
- ovatum* Lint., 1900a, 269, 297 (in *Lobotes surinamensis*; Woods Hole, Mass.); 1901, 416, 457.—Tennent, 1906, 640, 679 (in *Lob. sur.*).
- pusillum* Staff., 1904, May 3, 494–495 (in *Stizostedion vitreum*; Canada).
- species Lint., 1901, 447. See *G. baculum*.
- species Lint., 1900, 269, 298, pl. 41, fig. 9.
- species Ben., 1870, 51.
- tergestinum* Stoss., 1883, 119–120, pl. 2, fig. 5 (in *Gobius niger*, *G. jozo*; *Triest*); 1898, 61; 1901, 91–92 (3–4).—Braun, 1892a, 642; 1893a, 874, 913.—Mont., 1888, 14; 1893, 95.
- trigla* Ben., 1870, 30, pl. 3, fig. 15 (in *Trigla hirundo*; Belgium).—Braun, 1893a, 913.—Tennent, 1906, 639, 679 (in *Tr. gurnardus*).—Ziegler, 1883, 539 (in *Tr. gurn.*).
- viperæ* Ben., 1870, 26, pl. 3, fig. 17 (in *Trachinus vipera*; Belgium).—Braun, 1892a, 568; 1893a, 913.—Tennent, 1906, 639, 640 (in *Tr. vip. Cuv.*).—Ziegler, 1883, 539 (in *Tr. vip.*).
- vivæ* Ben., 1870, 25 (in *Trachinus draco*; Belgium).—Braun, 1893a, 913.—Odhn., 1905, 296.—Tennent, 1906, 639 (in *Tr. dr.*).—Ziegler, 1883, 539 (in *Tr. dr. L.*).

GASTROCOTYLE Ben. & Hesse, 1863; 1864, 96, 117–118 (m. trachuri).—Braun, 1890a, 414, 498, 511, 517, 523, 540, 541, 546; 1893a, 890.—Cerf., 1895h, 918; 1896, 514; 1899a, 391.—Cunningham, 1887a, 279.—Gamb., 1896, 73.—Hoyle, 1890, 539.—Mont., 1888a, 8, 11, 13, 66, 86, 89, 101; 1892, Oct. 7, 213 (gen. of Microcotylinae); 1903, 336 (subf. Axininæ).—Pratt, 1900, 646, 653, 654, fig. 42.—Tasch., 1879, 69; 1879, 257–258.—Will.-Suhm, 1870, 9, 11.

trachuri Ben. & Hesse, 1863, 118; 1864, 118, pl. 13, figs. 1–8 (in Caranx trachurus).—Braun, 1890a, 407, 414, 541, 549 (in Car. tr.; Atlantic Ocean, Mittelmeer), 550.—Par., 1894, 595.—Par. & Perugia, 1890, 8.—Pratt, 1900, 657, fig. 42.—Tasch., 1879, 258 (in Car. tr.).—Will.-Suhm, 1870, 10.

GASTRODISCINÆ Mont., 1892, Oct. 7, 214 (subf. of Amphistomidæ).—Braun, 1893a, 890.—Looss, 1899b, 541.

GASTRODISCUS Leuck., in Cobbold, 1877e, 233–239 (m. sonsinoi); 1877f, 326.—Braun, 1892a, 569, 581, 603, 614, 645, 669, 677, 682, 683, 688, 696, 699, 705, 715, 716; 1893a, 879, 886, 890, 892, 895, 904, 906, 918; 1895b, 136; 1903, 3 ed., 146.—Cobbold, 1877f, 326.—Couzin, 1885a, 426.—Fischder., 1901, 374; 1902a, 7, 46; 1903h, 488, 489 (m. polymastos) (in horses; Egypt).—Gamb., 1896a, 73.—Hoyle, 1890, 539.—Jackson, 1888, 642, 644, 654.—Looss, 1894, 24; 1895, 11; 1896b, 13, 14, 18, 151, 173, 178, 184, 188; 1899b, 541, 770; 1902m, 440, 442, 638, 676.—Mont., 1888a, 8, 12, 15, 26, 27, 34, 35, 41, 42, 52, 53, 54, 56, 57, 91, 103; 1892, Oct. 7, 214 (gen. of Gastrodiscinæ).—Piana & Stazzi, 1900, 523.—Poir., 1883, 79.—Pratt, 1902, 887, 892.—Schneidemuehl, 1896, 295 (Gastrodiskus).—Shipley, 1905, v. 6 (1), 4, 8.—Sons., 1895, Aug.–Sept., 179, 180, 181, 183, 184, 185, 186, 1 pl., figs. 1–7.—Ward, 1903, 865 (in horses and cattle in Egypt; one (G. hominis) in man).

1883: Gasterodiscus Ziegler, 1883, 545.

1896: Gastrodiskus Schneidemuehl, 1896, 295.

1898: Gastrodiscus Kowal., 1898h, 158, misprint.

ægyptiacus (Cobbold, 1876) Rail., 1893, 379 (syns. Hemist. sp. Sons., 1876; Diplost. ægyptiacum Cobbold, 1876; Cotylegaster cochleariiforme Sieb., 1877; G. sonsinoi Cobbold, 1877; G. polymastos Lkt., 1880).—Bettend., 1897a, 38; 1897, 342.—Brand., 1898a, 205 (13).—Fischder., 1902a, 46 (syn. of G. polymastos Leuck); 1903h, 494, 497.—Gronkowski, 1902a, 514, 520 (7, 13).—Kowal., 1898h, 158 (55) (Gastrodiscus).—Looss, 1896, 13–32, 149, 177–185, pl. 1, figs. 4–8, pl. 2, figs. 9–15, pl. 11, fig. 115, pl. 12, figs. 122–124, pl. 13, figs. 135–139 (syns. G. polymastos, G. sonsinoi, Hemist. sp., Diplost. ægyptiacum); 1907, Feb. 1, 134.—Moore, 1898, July 15, 531; 1897, 183.—Sons., 1895, 180, 181, 183, 184, 187, fig. 3; 1896, 294, 298, 309, 310.—Ward, 1895, 338 (in Equus caballus).—Also reported for Equus asinus, E. mulus.

hominis (Lewis & McConnell, 1876) Sons., 1896, 298.—Braun, 1903, 3 ed., 146–147, fig. 91; 1906, 149, fig. 82 (syn. Amphist. hominis).—Conyngham, 1904, IX, 17, 663.—Fischder., 1901, 374; 1902a, 46–47 (in Homo; India).—Looss, 1905, 110.—Shipley, 1905, v. 6 (1), 4 (thinks Equus is probably normal host).—Stephens, 1903, Feb., 7–12, figs. 1–4.—Ward, 1903, 704; 1903, 864 (in man), 865.

polymastos Leuck., 1880 (in Equus caballus; Egypt).—Brand., 1898a, 205, 214 (13, 23).—Braun, 1892a, 568, 580, 591, 593, 602, 605, 607, 608, 638, 640, 645, 646, 649, 654, 657, 661, 662, 663, 688, 703, 717, 733; 1893a, 874, 906; 1893d, 466.—Collin, 1891a, 86 (syn. of G. sonsinoi).—Fischder., 1901, 374; 1902a, 46 (syns. Diplost. ægyptiacum Cobbold, G. ægyptiacus Looss, G. sonsinoi Cobbold) (in Equus caballus, E. mulus, E. zebra).—Gronkowski, 1902a, 514 (7).—Lejtenyi, 1880a, 125–146 (anatomy), pls. 1–3; 1881a, 22 pp., 3 pls.—Lingard, 1905, 50.—Looss, 1885a, 392, 397 (Gasterodiscus); 1885b, 5, 10 (Gasterodiscus); 1894a, 146, 237; 1896b, 13 (syn. of G. ægyptiacus).—Mont., 1888a, 15, 26, 60.—Rail., 1887, 406–408 (in Sénégal), 494.—Richard, 1896.—Schneidemuehl, 1896, 303 (Gastrodiskus polymastos).—Sons., 1895, 124 (syn. of G. sonsinoi), 179.—Stephens, 1906, 9.—Ward, 1895, 338 (see G. ægyptiacus in Equus caballus).—Ziegler, 1883, 545 (Gasterodiscus).—Zuern, 1882, 222.

secundus Looss, 1907, Feb. 1, 134–136, figs. 3–4 (in mules; Assam).

sonsinoi Cobbold, 1877e, 233–239, 1 pl., 1 fig. (in Equus; Egypt), syn. Diplost. ægyptiacum (changed to G. sonsinoi Cobbold 1879b, 38, 359, fig. 62).—R. Bl., 1888a, 636.—Braun, 1893a, 906 (sonsinoi); 1893b, 186 (sonsinoi); 1906, 149.—Collin, 1891a, 86–88 (in zebra; Kataui Mbuga, Ostafrika).—Fischder., 1902a, 46 (sonsinoi) (syn. of G. polymastos); 1903h, 488 (sonsinoi).—Girard, 1880a, lxxix–lxxx (sonsinoi).—Lejtenyi, 1881a, 2 (sonsinoi).—Lingard,

GASTRODISCUS—Continued.

1905, 50 (syn. *G. polymastos*).—Looss, 1896b, 13 (syn. of *G. ægyptiacus*).—Méglin, 1880, Aug. 15, 782–784, figs. 1–2 (in horse); 1881, v. 2, 250–252, figs. 2.—Moore, 1897b, 167; 1897a, 183–184 (sonsinoi); 1897c; 1898a, 531.—Poir., 1883, 74 (sonsinoi).—Sons., 1895, 124 (syn. *G. polymastos*).—Theobald, 1900, 50.—Ward, 1895, 338 (in *Equus caballus*).

sonsinoi Girard, 1880a, lxviii, for *sonsinoi*.

sonsinoi Poir., 1883, 74, for *sonsinoi*.

sonsinoi Cobbold, 1879b, 359, 463, fig. 62, for *sonsinoi*.

GASTRODISEUS Kowal., 1898h, 158 (55), for *Gastrodiscus*.

ægyptiacus (Cobbold, 1876) Kowal., 1898h, 158 (55).

GASTRODISCUS Schneidemuehl, 1896, 295, 303, for *Gastrodiscus*.

polymastus Schneidemuehl, 1896, 303, for *polymastos*.

GASTROTHYLAX Poir., 1883, 76–79; *γαστήρ*, stomach; *θύλαξ*, pocket, pouch; [type crumenifer].—Brand., 1891d, 17; 1898a, 193–225, pls. 8–9; 1898, 33 pp.—Braun, 1892a, 576, 663, 696, 699, 715, 720, 721, 739; 1893a, 879, 886, 890, 892, 895, 904, 907, 918; 1893d, 466; 1892, 49.—Darr, 1902, 651.—Fischder., 1901, 370; 1902a, 7, 26–27 (type crumenifer); 1903h, 488, 489, 491, 493, 496, 497, 498, 556 (diagnosis), 557 (type crumenifer), 557–591.—Gamb., 1896a, 73.—Gronkowski, 1902a, 515 (8).—Hoyle, 1890, 539.—Looss, 1894a, 146, 175; 1894, 17, 22, 24; 1896b, 5, 7, 8, 9, 31, 32, 171, 1/3, 176, 177, 178; 1898a, 459; 1899b, 541; 1902m, 638, 676.—Mont., 1888a, 7, 9, 12, 15, 52, 91, 103; 1892, Oct. 7, 214 (gen. of *Amphistominæ*) (*Gastrotylax*); 1893, 27.—Pratt, 1902, 887, 892.—Shipley, 1905, v. 6 (1), 8.—Sons., 1895, 184, 185, 186.—Ssinitzin, 1906, 688.—Stiles, 1898a, 24.

1892: *Gastrotylax* Mont., 1892, 7 Oct., 214, misprint.

ægyptiacus Looss, 1898a, 459, apparently lapsus for *gregarius*.

cobboldi Fischder., 1901, 372 (for *cobboldii*); 1902a, 31, 32, 33 (in *Palonia frontalis*, Java; *Bos kerabau*, Ceylon; *B. taurus*, China); 1903h, 542, 575, 579–583, figs. M, 63–66 (from Ceylon in *Bos kerabau*, from China in *Bos taurus*), 585, 586, 587, 588, 589, 591; 1904, 459, 463.

cobboldii Poir., 1883, 77–79, pl. 2, fig. 3 (in *Palonia frontalis*; Java).—Braun, 1892a, 568, 739; 1893a, 873, 907.—Fischder., 1901, 372; 1903h, 575, 579 (syn. of *G. cobboldi*).—Sons., 1895, 185.—Stiles, 1898a, 24, 67, 69, 139, fig. 63.—Also reported for *Bos frontalis*.

compressus Brand., 1898a, 197, 219–220, 222 (5, 27–28), pl. 9, figs. 9–11 (in *Bos indicus*; Vien. Mus.); 1898, 219–220.—Fischder., 1901, 371; 1902a, 28 (in *Bos taurus indicus*); 1903h, 560, 563–565, figs. 48–49 (in *Bos indicus*), 567.

crumenifer (Crep., 1847) Otto, 1896, 95–97, figs. 3, 16 (for *G. crumeniferum*).—Bettend., 1897a, 38; 1897, 342.—Brand., 1898a, 195, 197, 199, 201, 204, 216–219, 220, 221 (3, 5, 7, 9, 12, 24–27), pl. 9, figs. 1–8.—Fischder., 1901, 371; 1902a, 25, 27–28, 30 (in *Bos taurus indicus*, Calcutta; *Bos kerabau*, Ceylon); 1903h, 557 (type), 557–563, 564, 566, 567, 568, 570, 571, 572, 574, figs. H, 44–47 (in *Bos zebu*, *B. kerabau*).—Linst., 1906, 175 (in *Bos bubalus*).—Stiles, 1898a, 24, 67, 68, 69, 140, figs. 57–62.

crumeniferum (Crep., 1847) Poir., 1883, 77.—Braun, 1893a, 907.—Fischder., 1901, 371; 1903h, 557–563, figs. H, 44–47, 563, 564, 566, 567, 568, 570, 571, 572, 574 (syn. of *G. crumenifer*) (in *Bos zebu*, *B. kerabau*).—Linst., 1906, 175 (in *Bos bubalus*).—Rail., 1903a, 378.—Sons., 1896, 311.—Stiles, 1898a, 67.—Ward, 1895, 332 (in *Bos taurus*).

elongatum Poir., 1883, 76–77, pl. 2, fig. 2 (in *Palonia frontalis*; Java).—Braun, 1892a, 739; 1893a, 873, 907.—Fischder., 1903h, 574, 575 (syn. of *G. elongatus*) (in *P. front.*; Java).—Mont., 1888a, 7.—Sons., 1895, 185.—Stiles, 1898a, 24, 67, 70, 139, fig. 64.

elongatus [Poir., 1883, 73–79 (in *Palonia frontalis*; Java)].—Brand., 1898a, 197, 198, 204, 223–225 (5, 6, 31–33), pl. 8, figs. 1–14 (in *Anoa depressicornis*; Zool. Gart., Berlin).—Fischder., 1901, 372; 1902a, 30–31 (in *P. front.*, Java; *Anoa depr.*, *Bos sp.*, Africa; *Bos taurus*, China); 1903h, 451, 512, 542 (in *Bos taurus*, Canton Fu-mui, China), 574–579, 580, 581, 587, figs. L, 59–62 (in *P. front.*, *Bos kerabau*, *Anoa depr.*); 1904, 463.—Gronkowski, 1902a, 520 (13).—Mont., 1888a, 7.

GASTROTHYLAX—Continued.

gregarius Looss, 1896b, 5–13, 170–177, pl. 1, figs. 1–3, pl. 11, fig. 116, pl. 12, figs. 119–121 (in Buffle; Alexandria, Egypt); 1898, 459; 1902m, 638.—Bettend., 1897a, 38; 1897, 342.—Brand., 1898a, 197, 198, 199, 222–223 (5, 6, 7, 30–31), pl. 9, figs. 12–16.—Fischder., 1901, 371; 1902a, 28 (in Egyptische Buffle); 1903b, 533; 1903h, 565–566, 584.—Kowal., 1898h, 158 (55).—Otto, 1896, 89–94, figs. 1–2, 11, 14, 15; 1896, 10–13.—Rossbach, 1906, 401.—Sons., 1896, 298, 311.—Stiles, 1898a, 24, 67, 71, 139, figs. 65, 66.

mancupatus Fischder., 1901, 371 (in African cattle); 1902a, 31–32, 33 (in *Bos taurus*; E. Africa); 1903h, 566, 584, 588, 589, 590, 591, figs. 67–71 (in *Bos taurus*, Dinka; Denjarinder, Afrika; *Bos taurus*, Africa, Nossi-Bé).

minutus Fischder., 1901, 372 (in Antilope sp., *Tragelaphus scriptus*, Kamerun); 1902a, 33–34; 1903h, 588–591, fig. N; 1904, 463.

spatiosus Brand., 1898a, 197, 220–221 (5, 28–29), pl. 8, figs. 15–16 (in *Bos taurus*, Dschidda, Arabian coast of Red Sea).—Fischder., 1901, 371; 1902a, 29, 31 (in *B. taurus*, Dschidda); 1903h, 566–570, 571, 581, 583 (in *B. taurus*), 584, 585, 586, figs. 50–54.

synthes Fischder., 1901, 371 (in *Bos kerabau*); 1902a, 29–30, 31 (in *B. ker.*; Ceylon); 1903h, 496, 539, 570–574, 575, 577, 578, 579, 580, 581, 584, 585, 586, figs. 55–58, J. K. (in *B. ker.*; Ceylon).

GASTROTYLAX Mont., 1892, Oct. 7, 214 (gen. of Amphistominæ) (for Gastrothylax).

GENARCHES Looss, 1902m, 732 (*Progonus* Looss, renamed; type mülleri).—Odhn., 1905, 364, 365, 366.

mülleri (Levin., 1881) [Looss, 1902m, 732] Odhn., 1905, 363, 365–366, pl. 4, figs. 8–9.

GIRODACTYLIDÆ Sons., 1890, 175, for Gyrodactylidæ.

GIRODACTYLIDÆ Mont., 1888, 8, 13, 15, for Gyrodactylidæ.

GIRODACTYLUS Mont., 1888, 83, for Gyrodactylus.

GLAPHYROSTOMIUM Pratt, 1902a, 889, misprint for Glaphyrostomum.

GLAPHYROSTOMUM Braun, 1901g, 942 (tod. adhærens); 1902b, 129.—Pratt, 1902a, 889 (Glaphyrostomium), 907.

1902: Glaphyrostomium Pratt, 1902a, 889, misprint.

adhærens Braun, 1901g, 942 (in *Mycothera* sp., *Gallinula kioloides* Puch.; Brazil); 1902b, 130, 133.

propinquum Braun, 1901g, 942 (in *Dendrocalaptes scandens*; Brazil); 1902b, 132–133.

GLENOCERCARIA Dies., 1858d, 244 (type?). [See p. 385.]

flava (La Valette, 1855) Dies., 1858d, 244–245 (includes *Cerc. ephemera* Sieb., *Histrionella* eph. Sieb., *Cerc. flava* La Valette (in *Planorbis corneus*; Berlin, Heidelberg); 1858e, 326, 327 (to Monost.).—Linst., 1873, 1 (young of *Monost. flavum* Mehlis).—See Typhlocœlum 1902 (type).

tophocerca (Fil., 1857) Dies., 1858d, 245 (in *Paludina impura*; Turin).

melanoglena (Dies., 1855) Dies., 1858d, 245 (in salt water).

GLOSSIDIUM Looss, 1899b, 591–592, 594 (tod. pedatum); ἡ γλῶσσα, tongue.—Braun, 1902b, 55.—Heymann, 1905, 93.—Odhn., 1902, 40, 42.—Pratt, 1902, 888 (related to *Plagiorchiinæ*), 899.

pedatum Looss, 1899b, 592, 705–706, fig. 27 (in *Bagrus bayad*, *B. docmac*; Cairo).—Luehe, 1900, 561.

GLOSSOCOTYLE Ben. & Hesse, 1863; 1864, 96, 102 (m. alosæ).—Braun, 1890a, 414, 477, 516, 517, 522, 546.—Cerf., 1895h, 918, 920; 1896, 514, 515.—Mont., 1888, 11, 16, 86, 89, 99; 1903, 336 (syn. of *Octobothrium*).—Tasch., 1879, 239.

alosæ Ben. & Hesse, 1863, 1864, 102–103, pl. 9, figs. 11–18 (in *Alosa vulgaris*).—Braun, 1890a, 408.—Tasch., 1879, 244 (to *Octobothrium*).

fintæ Mont., 1888, 13.

GLYPHICEPHALUS Looss, 1901l, 620–621 (tod. solidus); 1902m, 570–571 (type solidus), 576, 583, 584, 586, 589, 591, 593, 594, 596, 599, 603, 609, 610, 611, 612, 616 (diagnosis).—Pratt, 1902, 890, 909.

crassus Looss, 1901l, 568, 620 (in *Thalassochelys corticata*; Egypt); 1902m, 575 (to *Epibathra* as type), 876.

lobatus Looss, 1901l, 619 (in *Chelone mydas*; Egypt); 1902m, 416, 417, 573–575, 576, 596, 876, 877, pl. 26, figs. 81–82, pl. 27, fig. 91.

GLYPHICEPHALUS—Continued.

solidus Looss, 1901l, 7. Nov., 619 (in *Chelone mydas*; Egypt); 1902m, 571–573, 574, 587, 591, 616, 876, 877, 888, pl. 26, figs. 79, 80, pl. 27, figs. 92, 93, pl. 32, fig. 178.

GLYPHELMINS Staff., 1905, Apr. 11, 686–687 (m. *quieta*); *γλυπτός*, carved; *ἐλμινς*, worm.

quieta (Staff., 1900) Staff., 1905, Apr. 11, 686 (in *Hyla pickeringii*, *Rana catesbiana*, *R. virescens*; Canada) (syn. *Opisthioglyphe endoloba* Duj. of Staff., 1900, 403).

GORGODERA Looss, 1899b, 551, 605–606 (tod. *cygnoides*); *γοργός*, motile; *ἡ δέρη*, neck; 1901b, 202; 1901l, 557, 558; 1902m, 478, 480 (includes: *cygnoides*, *amplicava*, *simplex*), 785, 797, 844, 848, 850, 851, 854, 856, 857, 858, 859, 860, fig. 1, 862 (Gorgoderinae, Gorgoderidae).—Braun, 1901b, 9.—Odhn., 1902, 65.—Osborn, 1903, 257.—Pratt, 1902, 888, 901.—Ssinitzin, 1906, 685.

amplicava Looss, 1899b, 606, 607 (“D. *cygnoides* var. A” of Bensley, 1897, renamed); 1901b, 202, 209; 1902m, 480, 798, 837, 844, 854, 857.—Staff., 1902, 412, 419–421 (syn. D. *cygnoides* var. A of Bensley); 1905, Apr. 11, 687 (in urinary bladder of American frogs and toads).

attenuata Staff., 1902, 418–419 (in *Rana catesbiana*, *R. virescens*; Canada).—1905, to Gorgoderina.

cygnoides (Zed., 1800) Looss, 1899b, 606; 1901b, 202, 209; 1902m, 444 (Cerc. *macrocerca*), 480, 797, 798, 837, 844, 851, 854, 857, 862.—Kowal., 1902d, (9) 27 (Cerc. *macrocerca* in *Cyclas cornea*).—Luehe, 1901, 54.—Osborn, 1903, 257.—Ssinitzin, 1905, 33 (of Looss syn. of G. *loossi*).—Staff., 1905, Apr. 11, 687 (in urinary bladder of American frogs and toads).

loossi Ssinitzin, 1905, 33–34, pl. 3, figs. 30–31 (G. *cygnoides* of Looss, renamed); 1906, 682.

opaca Staff., 1902, 416–417 (in *Bufo lentiginosus*; America).

pagenstecheri Ssinitzin, 1905, 34–36, pl. 2, figs. 21–27 (*cygnoides* of Pag., renamed); 1906, 682, 683 [=Dist. *cygnoides* Zed. of Pag.].

simplex Looss, 1899b, 606, 607 (D. *cygnoides* var. B of Bensley, 1897, renamed); 1901b, 202, 209; 1902m, 480, 798, 844, 851 (type of Gorgoderina), 863.—Staff., 1902, 412, 417–418 (in *Rana catesbiana*; America).

translucida Staff., 1902, 413–416 (in *Bufo lentiginosus*, *Rana virescens*; America).—Osborn, 1903, 256, 257, 258.

varsoviensis Ssinitzin, 1905, 36–37, pl. 1, fig. 1, pl. 3, figs. 32–34; 1906, 682 (in frogs; Warschau).

vitelliloba (Olss., 1876) Ssinitzin, 1906, 682.

GORGODERIDÆ Looss, 1901, 558; 1902m, 485, 785, 810, 824, 843–866, 844 (diagnosis), 857 (includes Gorgoderinae, Anaporrhutinae).—Ssinitzin, 1906, 682 (of frogs).

GORGODERINA Looss, 1902m, 851 (tod. *simplex*), 857 (Gorgoderidae, Gorgoderinae), 858, 859, 860, 862¹, fig. 2.—Ssinitzin, 1906, 685 (in fish).—Staff., 1905, Apr. 11, 687.

attenuata (Staff., 1902) Staff., 1905, Apr. 11, 687 (American toads and frogs).

opaca (Staff., 1902) Staff., 1905, Apr. 11, 687 (in American frogs and toads).

simplex (Looss, 1899) Looss, 1902m, 857, 862, 863.—Staff., 1905, Apr. 11, 687 (American frogs and toads).

translucida (Staff., 1902) Staff., 1905, Apr. 11, 687 (in American frogs and toads).

vitelliloba (Olss., 1876) Looss, 1902m, 857, as doubtful member of genus.—Ssinitzin, 1905, 37, pl. 1, fig. 2, pl. 3, figs. 35–37; 1906, 685.

GORGODERINÆ Looss, 1899b, 604; 1901b, 202; 1901l, 558; 1902m, 478, 480, 485, 797, 844, 857 (includes: Gorgodera, Gorgoderina, Phyllodist., Catoptroides), 863 (diagnosis).—Braun, 1901b, 9.—Luehe, 1901, 488.—Odhn., 1902, 65, 67.—Pratt, 1902, 888 (Phyllodist., Gorgodera).

GRUBEA Dies., 1858e, 315, 385 (m. *cochlear*); 1859c, 444 (syn. *Pleurocotylus* Gerv. & Ben.).—Braun, 1890a, 518.—Mont., 1888, 84.—Tasch., 1879, 248 (syn. of *Pleurocotyle*).

cochlear Dies., 1858e, 385 (in *Scomber scombrus*).—Hoyle, 1890, 539.—Tasch., 1878, 575; 1879, 248 (syn. of *Pleurocotyle scombri*).

scombri (Grube, 1855) Ben. & Hesse, 1864, 100 (to *Pleurocotyle*).

(GYMNOCEPHALA) Leidy, 1877, 201 (as subg. of Dist.) [not *Gymnocephalus* Bloch, Schneider, 1801, fish; Geoffroy, 1809, birds]. Apparently for *Cerc.* (*Gymnocephala*) Dies., 1858, 246.

ascoidea Leidy, 1877, 201 (in *Planorbis parvus*).

(GYMNOCEPHALA) Dies., 1858d, 246, (type?) as subg. of *Cercaria*.

agilis (Fil., 1857).—Dies., 1858d, 248–249 (in *Lymnæus stagnalis*; Turin).

brunnea (Dies., 1850) Dies., 1858d, 247 (in *Lymnæus stagnalis*).—See *Dist. echinatum*.

coronata (Fil., 1855) Dies., 1858d, 249, 250.

fallax (Dies., 1850) Dies., 1858d, 247–248, 262 (in *Lymnæus stagnalis*, *Paludina vivipara*).—See *Dist. militare*.

minuta (Nitzsch, 1817) Dies., 1858d, 246 (in various fresh-water mollusks; Halle).

proxima (Lespès, 1857) Dies., 1858d, 249–250.

renalis (Fil., 1855) Dies., 1858d, 265–266 (in *Helix adpersa*; Turin).

sagittata [Lespès, 1857] Dies., 1858d, 249 (in *Buccinum* (*Nassa*) *reticulatum*).

setifera (Mueller, 1850) Dies., 1858d, 250–251 (in sea; Triest).

tuberculata (Fil., 1857) Dies., 1858d, 248 (in *Paludina impura*; Turin).

GYMNOCEPHALÆ Dies., 1858d, 246, see *Gymnocephala*.

GYMNOPHALLINÆ Odhn., 1905, 314.

GYMNOPHALLUS Odhn., 1900, 12–23 (tod. *deliciosus*); 1905, 312, 313, 314.—Looss, 1901b, 200; 1902m, 839.—Luehe, 1900, 505, 506; 1901, 488; 1904, 79–82.—Marshall & Gilbert, 1905, 479.—Pratt, 1902, 889, 902.—Ward, 1901, 177.

bursicola Odhn., 1900, 14, 20–21, 22, fig. 4 (in *Somateria mollissima*; west coast of Sweden); 1905, 312, 313 (includes *Levcithodendrium somateriæ* e. p. of Jameson).

choledochus Odhn., 1900, 14, 18–19, 22, fig. 3 (in *Vulpanser tadorna*; loc.?); 1905, 312, 313–314 (in *Somateria mollissima* at Eisfjord, W. Spitzbergen, and *S. spectabilis* at Franz-Joseph's Fjord, Greenland).

deliciosus (Olss., 1893) Odhn., 1900, 14–17, 18, 19, 20, 21, 22, figs. 1–2 (in *Larus argentatus*, *L. canus*, *L. fuscus*); 1905, 311 (in *Larus glaucus*, *L. marinus*).

micropharyngeus (Luelie, 1898) Odhn., 1900, 14, 17, 22.—Luehe, 1900, 505; 1901, 57.

somateriæ (Levin., 1881) Odhn., 1900, 14, 19–20, 21, 22; 1905, 311–313, pl. 2, fig. 8 (in *Somateria mollissima*, *S. spectabilis*).

GYNÆOPHORA Weinland, 1858, 87 (family name); 1859, 281.—Stiles & Hass., 1898a, 90, 94.

GYNÆOPHORUS Dies., 1858e, 312, 356 (type *hæmatobius*).—Braun, 1893a, 880, 885, 894, 912; 1903, 3. ed., 168 (syn. of *Schistosomum*).—Cobbold, 1879b, 39; 1885a, 498 (syn. of *Bilharzia*).—Dunglison, 1893, 502.—Hoyle, 1890, 539 (= *Bilharzia*).—Huber, 1896a, 580 (syn. of *Bilharzia*).—Leuck., 1863, 617.—Mont., 1888, 92.—Rail., 1893a, 371.—Simon, 1897, 99.—Stiles & Hass., 1898a, 90, 93, 94.—Stoss., 1892, 4, 5.—Ward, 1895, 253.

bovis (Sons., 1876) Rail., 1893, 375.—Dolley.—Stiles, 1898a, 60.

crassus (Sons., 1888) Stoss., 1892, 6 (syn. *Bilharzia bovis*) (in *Bos taurus ægyptus*, *Ovis aries*).—Rail., 1893a, 375.—Stiles, 1898a, 60.—Ward, 1895, 332 (in *B. taurus*), 335 (in *O. aries*).

hæmatobius (Bilharz, 1853) Dies., 1858e, 356–357 (in *Homo*); 1859c, 480.—Aitken, 1866, 804, 840; 1872, 205 (to *Bilharzia*).—R. Bl., 1888a, 636.—Cobbold, 1866a, 6.—Harley, 1864a, 62 (to *Dist.*).—Huber, 1894, 298.—Rail., 1892, 161–164 (embryo); 1893a, 371.—Stiles, 1898a, 58.—Stoss., 1892, 5–6 (in *Homo*; Egitto, Nubia, Tunisia, Natale, Capo, Costa d'oro, Arabia; *Cercopithecus fuliginosus* in Africa).—Ward, 1895, 253, 256, 328 (in *Homo*), fig. 7; 1903, 872.

magnus (Cobbold, 1859) Stoss., 1892, 6 (syn. *Bilharzia magna*) (in *Cercopithecus fuliginosus*; Africa).—Braun, 1901e, 311.

GYRADACTYLIDÆ Mont., 1888a, 66, 107, see *Gyrodactylidæ*.

GYROCOTYLE Dies., 1850a, 408 (m. *rugosa*); 1859a, 492; 1859c, 447.—Mont., 1889c, 228–230 (*Amphiptyches* G. & W.); 1890b, 327–329; 1896, 153. [*Cestodaria*.]

rugosa Dies., 1850a, 408 (in *Antilope pyrga*; Port Natal); 1859a, 492 (in *Mactra edulis*; Valparaiso); 1859c, 447.

urna (Grube & Wag., 1852) Mont., 1896, 151.

GYRODACTYLE Moul., 1856a, 10, for Gyrodactylus.

GYRODACTYLEÆ Cerf., 1899a, 452.

GYRODACTYLIDÆ Cobbold, 1877f, 326; 1879b, 4.—R. Bl., 1888a, 541 (embraced in Polystomiens).—Braun, 1890a, 463, 465, 469, 511, 516, 517, 519, 523, 533, 538, 542; 1890b, 127; 1893a, 890.—Cerf., 1899a, 452.—Gamb., 1896a, 53, 61, 73.—Goto, 1899, 291.—Jackson, 1888, 642, 654 (includes: Gyrodactylus, Dactylogyrus, Calceost., etc.).—Maclaren, 1904, 583, 597, 598, 599, 600, 601.—Mont., 1888a, 8, 13, 15 (Gyrodactylidæ); 1889, 116; 1891, 108, 109; 1905, 80.—Par. & Perugia, 1889, 745.—Scott, 1901, 141.—Sons., 1890, 175 (Gyrodactilidæ).—See also next entry.

GYRODACTYLIDÆ "Ben. & Hesse, 1863," —.—Hoyle, 1890, 539 (includes: Gyrodactylus, Dactylogyrus, Tetraonchus, Diplectanum, Calceost., Sphyrnura).—Mont., 1888, 7, 8, 10, 11, 14, 20, 24, 37, 66, 70, 86, 88, 90, 101, 107, 108; 1903, 336 (raised from subf. to family rank; subf.: Gyrodactylinae (Gyrodactylus, Dactylogyrus); Tetraonchinae (Tetraonchus = Ancyrocephalus = Amphibdella = Dactylo-discus); Diplectaninae (Diplectanum); 1892, Oct. 7, 213 (fam. of Eterocotylea, includes subf. Calceostominae, Gyrodactylinae).—Par. & Perugia, 1890, 8.—Pratt, 1900a, 646, 653 (includes: Gyrodactylus, Dactylogyrus, Tetraonchus, Diplectanum, Calceost., Amphibdella, Dactylo-discus, Fridericianella, Anoplodiscus).—Stoss., 1898, 16-17.—Tasch., 1879, 69; 1879, 235, 237, 238, 260.—See also foregoing entry.

GYRODACTYLIDEA "Ben."—Olss., 1893, 6.

GYRODACTYLIDES Tasch., 1879, 235.—Mont., 1888, 86.

GYRODACTYLINÆ Mont., 1892, Oct. 7, 213 (subf. of Gyrodactylidæ); 1903, 336 (f. Gyrodactylidæ); 1905, 65, 80.—Braun, 1893a, 890.—Gamb., 1896, 73.—St.-Remy, 1898, 523, 564.

GYRODACTYLUS Nord., 1832a, 105-106 [type by elimination elegans]; 1840, 603.—Ben., 1858a, 1861a, 11, 63-66, 171, 177, 297.—Ben. & Hesse, 1864, 121.—Biehinger, 1884, 19, 23.—Braun, 1883a, 57; 1889i, 440; 1889k, 622; 1890a, 412, 416, 436, 438, 443, 444, 445, 448, 450, 451, 452, 468, 470, 478, 486, 492, 503, 508, 511, 515, 516, 517, 523, 542, 543; 1892a, 813; 1893a, 888, 889, 890; 1893b, 179, 184, 187.—Burm., 1856a, 251.—Carus, 1863, 478.—Crep., 1838, 84; 1839, 301.—Dies., 1850a, 290, 432, 433 (syn. of Dactylogyrus), 650, 651; 1858e, 314, 374-375; 1859c, 423, 439.—Duj., 1845a, 480-481.—Fraip., 1880c, 442.—Gamb., 1896, 55, 61, 63, 73.—Goldb., 1855, 20.—Haswell, 1892b, 150; 1893e, 114.—Hoyle, 1890, 539.—Jackson, 1888, 643, 646, 648, 654.—Kath., 1894a, 125-164; 1894b, 125-164; 1895a, 431; 1899a, 328-329.—Leuck., 1863, 48, 51, 489; 1879, 58, 62.—Looss, 1892a, 72.—Maclaren, 1904, 586, 587, 598, 599, 600.—Metschnikoff, 1869a, 61-65 (embryology).—Mont., 1888, 10, 13, 14, 53, 63, 70, 71, 72, 73, 76, 84, 86, 95, 101, 107, 108; 1889, 114; 1891, 109, 111; 1892, Oct. 7, 186, 213 (g. of Gyrodactylinae); 1903, 336 (subf.: Gyrodactylinae).—Odhn., 1900, 65.—Plehn, 1905, 28-30 (treatment with ammonia).—Pratt, 1900a, 646, 654, 657, fig. 43, 661.—Roth, 1904, 60-61 (treatment).—St. Remy, 1898, 524, 565.—Sieb., 1839, 163; (1849) v. 1 (4), 347-363.—Tasch., 1879, 69; 1879, 233, 258, 260 (syn. Dactylogyrus), 261 (syn. of Dactylogyrus), 263 (of Wedl, syn. of Tetraonchus).—Wagener, 1857, 25, 26, 49, 50, 76.—Wallenstedt, 1847, 7.

anchoratus Duj., 1845a, 480-481, pl. 8, fig. j (t. h. "carpe").—Bradley, 1861a, 257.—Dies., 1850a, 432.—Kath., 1894a, 155, 156.—Tasch., 1879, 261 (syn. of Dactylogyrus auriculatus).—Wagener, 1857, 49.

auricularis Wedl, 1857, 254, 258, 259, 274, 277, pl. 3, figs. 27-31 [uses auricularis and auriculatus], in Cyprinus carpio.—Dies., 1858e, 376 (syn. of Dactylogyrus anchoratus).—Kath., 1894a, 157.—Tasch., 1879, 261 (syn. of Dact. auriculatus).

auriculatus Nord., 1832a, 108-109, pl. 10, figs. 4-9 (t. h. Cyprinus brama); 1840, 546, 603-604.—Ben., 1858a, 1861a, 64, 66-67, pl. 7, figs. 9-11 (in C. br.).—Braun, 1891d, 421.—Crep., 1838, 84, 85, 86, 87; 1839, 301.—Dies., 1850a, 432 (of Duj., 1845a, 480, syn. of G. dujardinianus), 433 (of Nord., type of Dactylogyrus); 1859c, 440 (of Ben., 1858, 66, syn. of Dact. duj.).—Duj., 1845a, 480, pl. 8, fig. H.—Kath., 1894a, 155, 156.—Mont., 1888, 10.—Sieb., 1835, 70.—Tasch., 1879, 260 (of Duj. syn. of Dact. duj.), 261 (of Nord., to Dactylogyrus).—Wagener, 1857, 49, 50.—Wedl, 1857, 258-274, pl. 3, figs. 27-31.

cochlea Wedl, 1857, 258-274, pl. 3, figs. 32-37 (in Esch lucius).—Cobbold, 1862m, 38; 1879b, 466.—Dies., 1858e, 380 (syn. of Tetraonchus monenteron).—Kath., 1894a, 157.

GYRODACTYLUS—Continued.

- crassiusculus* Wedl, 1857, 258–274, pl. 4, figs. 38–40 (in *Lucioperca sandra*).—Cobbold, 1862m, 38; 1879b, 466.—Dies., 1858e, 381 (syn. of *Tetraonchus unguiculatus*).—Kath., 1894a, 157.—Tasch., 1879, 263 (syn. of *Tetr. ung.*).
- cruciatus* Wedl, 1857, 258–274, pl. 4, figs. 46–47 (in *Cobitis fossilis*).—Dies., 1858e, 381 (to *Tetraonchus*).—Kath., 1894a, 157.—Tasch., 1879, 264 (to *Tetr.*).
- dujardinianus* Dies., 1850a, 432 (*auriculatus* of Duj., 1845a, 480, pl., fig. H, renamed) (in *Cyprinus carpio*, *Leuciscus rutilus*); 1858e, 376 (to *Dactylogyrus*).—Kath., 1894a, 156.—Kroyer, 1852–53a, 1224 (in *Leuc. rut.*).
- elegans* Nord., 1832a, 106–108, pl. 10, fig. 1–3 (t. h. *Cyprinus brama*); 1840, 603.—Ben., 1858a, 1861a, 11, 64, 67–68, 223, pl. 7, fig. 12 (in *Cyp. br.*).—Ben. & Hesse, 1864, 121.—Bradley, 1861b, 209–210 (on stickle-back in Hampstead ponds).—Braun, 1883a, 57, 71; 1890a, 417, 425, 426, 438, 454, 455, 508, 543, 549, 550, 551; 1893b, 179.—Cobbold, 1862m, 35–39; 1879b, 464, 465, 466, fig. 79.—Crep., 1838, 84, 85, 87; 1839a, 301.—Dies., 1850a, 432, 649, 651; 1852, 417, v. 13, 51–54; 1858e, 375 (in *Cyp. carpio*, *Abramis brama*, *Gasterosteus aculeatus*, *G. pungitius*, *Phoxinus phoxinus*, *Cobitis barbatula*); 1859c, 439–440.—Duj., 1845a, 480.—Gamb., 1896, 61, fig. 29.—Houghton, 1862a, 77 (in Shropshire).—Hoyle, 1890, 539, 540, fig. 3–G.—Jackson, 1888, 650.—Janicki, 1903a, 241–245, figs. 1–4 (egg segmentation); 1903b, 380.—Kath., 1894a, 127, 129, 130, 132, 133, 134, 140, 141, 144, 150, 155, 156, 157, 158, pl. 7, figs. 1, 2, 5, 6; 1899a, 328; 1904a, 519–550, figs. A–K, 1–26 (development); 1904b, 444–445; 1905a (I, 31), 18–19.—Kholodk., 1899a, 148.—Kowal., 1902d, 23 (5) (in *Cyp. carpio*); 1904, 328–329; 1904, 10, (25) (in *Cyp. carpio*; Galicia); 1905a, 18–19.—Kroyer, 1838–40a, 592, 593; 1852–53a, 1225, 1226 (in *Phoxinus phoxinus* L., *Cob. barb.* L., *Gast. acul.*, *G. pungitius*).—Leuck., 1863a, 489.—Levin., 1881a, 79.—Mont., 1888a, 8, 70; 1891, 111; 1892, Oct. 7, 186.—Odhn., 1905, 372.—Olss., 1893, 6.—Pavesi, 1881, 616.—St.-Remy, 1898, 565–566.—Schneidmuehl, 1896, 303.—Sieb., 1839, 164; 1849, 347.—Sramek, 1901, 95, 110, fig. 65 (in *Abramis brama*).—Tasch., 1879, 260–261 (in *Cyp. carpio*, *Abramis brama*, *Gast. acul.*, *G. pungitius*, *Phoxinus phoxinus*, *Cob. barb.*).—Wagener, 1857, 49, 50, 51–54, 57, 60, 63, 64, 76; 1860, 768–793, pls. 17–18; 1861, v. 1, 196–212 (reported also for *Abramis vimba*, *Cyclopterus lumpus*, *Esox lucius*, *Gobius minutus*, *Leuciscus phoxinus*).
- falcatus* Wedl, 1857, 258–274, pl. 4, figs. 48–50 (in *Cyprinus sp.*).—Dies., 1858e, 377 (to *Dactylogyrus*).—Kath., 1894a, 157.—Tasch., 1879, 261 (to *Dact.*).
- gracilis* Kath., 1894a, 129, 131, 139, 141, 143, 147, 150, 157, 158–159, pl. 7, figs. 4, 7, (in *Cobitis fossilis*, *Cyprinus carpio*, *Gobius fluviatilis*, *Leuciscus erythrophthalmus*, *L. rutilus*) [= *G. elegans* of Ben.].—Odhn., 1905, 372.—St.-Remy, 1898, 566.
- grœnlandicus* Levin., 1881a, 78–79, pl. 3, figs. 5–6 (in *Cottus scorpius*; Egedes-minde).—Odhn., 1905, 372.—Pratt, 1900, 372; 1900, 657, 661, fig. 43.
- medius* Kath., 1894a, 129, 131, 137, 141, 143, 147, 150, 158, pl. 7, figs. 3, 8, pl. 8, figs. 9–16, pl. 9, figs. 17–24 (in *Cobitis fossilis*, *Cyprinus carpio*); 1899a, 328.—Odhn., 1905, 372.—St.-Remy, 1898, 566.
- mollis* Wedl, 1857, 258–274, 272, pl. 4, fig. 51 (in *Cyprinus carpio*).—Dies., 1858e, 379 (to *Dactylogyrus*).—Kath., 1894a, 157.—Tasch., 1879, 262 (to *Dact.*).
- species Ben., 1870, 27, pl. 3, fig. 14, see *Dactylogyrus benedeni*.—St.-Remy, 1898, 566, 567.
- species Ben., 1870, 64, pl. 3, fig. 13.
- tenuis* Wedl, 1857, 258–274, 272, pl. 4, figs. 41–45 (in *Perca fluviatilis*).—Cobbold, 1862m, 38, 39.—Dies., 1858e, 379 (to *Dactylogyrus*).—Kath., 1894a, 157.—Tasch., 1879b, 262 (to *Dact.*).

GYRODAKTILIDÆ Schneidmuehl, 1896, 296, for Gyrodactylidæ.

HÆMATOBIUM shortened form of *Dist. hæmatobium* Dunglison, 1893, 506; also Reichenback's term for a blood corpuscle.—Billings, 1890, 612.—Danilewsky, 1890c, 753 [= *Plasmodium*].

equi Burke, 1882, 320, fig. 1 (a blood filaria), 322, fig. 2 (egg of fluke).

HÆMATOLECHUS Looss, 1899b, 600–601, 602, 603 (tod. *variegatus* Looss, 1899) [not *Hæmatolecha* Stål, 1874, *hemipteron*] (renamed: *Pneumonœces* Looss, 1902m, 732) *αἱματολοιχός*, blood sucking; 1902m, 732, 839.—Klein, 1905, 64.—Luehe, 1900, 557, 561.—Odhn., 1902, 41.—Ofenheim, 1900, 156, 164, 182.—Pratt, 1902, 888, 900; 1903, 37.—Staff., 1902, 418; 1902, 725; 1902, 895–912; 1905, Apr. 11 (= *Pneumonœces*).—Stiles, 1901r, 189.—Stiles & Hass., 1901d, 20.

HÆMATOLÆCHUS—Continued.

- asper* Looss, 1899b, 601, 603–604 (separated from *variegatus*).—Luehe, 1902, 238.—Staff., 1902, 896.
- breviplexus* Staff., 1902, 901, 904–905, pl. 33, fig. 2 (in *Rana catesbiana*, *R. virescens*; Canada).
- longiplexus* Staff., 1902, 901–903, pl. 33, fig. 1 (in *Rana catesbiana*; Canada).
- medioplexus* Staff., 1902, 901, 908–910, pl. 33, fig. 5 (in *Bufo lentiginosus*, *Rana virescens*; Canada).
- similigenus* Stiles & Hass., 1902d, 20 (*H. similis* [*Distoma simile*] renamed).
- similiplexus* Staff., 1902, 901, 907–908, pl. 33, fig. 4 (in *Rana virescens* Kalm, *Bufo lentiginosus* Shaw; Canada).—Seely, 1906, 252.
- similis* Looss, 1899b, 601, 602 (“*Dist. simile* Looss, 1899” nec Sons., 1890).—Staff., 1902, 896, 908.—Stiles, 1901, 178.—Stiles & Hass., 1902d, 20 (renamed *similigenus*).
- variegatus* (Rud., 1819) Looss, 1899b, 601, 602; 1902m, 429, 732 (type of *Pneumoneces*).—Luehe, 1900, 556.—Ssnitzin, 1905, 137–140; 1906, 686 (in *Colopteryx virgo*; Warschau).—Staff., 1902, 896, 906.—Stiles, 1901, 178.—Stoss., 1902, 5.
- varioplexus* Staff., 1902, 901, 906, pl. 33, fig. 3 (in *Rana catesbiana*; Canada).

HÆMATOTREPHUS Stoss., 1902, 8, 22–23 (tod. *lanceolatus* Wedl).

- cymbius* (Dies., 1850) Stoss., 1902, 27–28 (in *Himantopus wilsoni*; Brazil).
- fasciatus* Stoss., 1902, 25, pl. 6, figs. 21, 22 (in *Numenius arquatus*; locality?).
- lanceolatus* (Wedl, 1858) Stoss., 1902, 23–24, pl. 5, figs. 17, 18 (in *Himantopus candidus*; Rome; *H. melanopterus*).
- phaneropsolus* Stoss., 1902, 25–26, pl. 6, figs. 23, 24 (in *Totanus* sp.; Yeddo, Japan).
- similis* Stoss., 1902, 24, pl. 5, figs. 19, 20, pl. 8, fig. 30 (in *Himantopus atropterus*; Cairo, Alexandria).
- tringæ* (Brand, 1892) Stoss., 1902, 26–27, pl. 7, fig. 26 (in *Tringa variabilis*; Tor, Sinai).

HALICOMETRA Pratt 1902a, 888 (subf., *Psilostominae*) 896, for *Helicometra*.HALIPEGUS Looss, 1899b, 645–646 (m. *ovocaudatus*); ἄλις, enough; πηγός, well fed; 1902m, 839.—Odhn., 1905, 364.—Ofenheim, 1900, 183.—Luehe, 1901, 485.—Pratt, 1902a, 889 (related to *Syncelinae*), 905.

- dubius* Klein, 1905, 68 (in *Coluber olivaceus*); 1905, 10.
- longispina* Klein, 1905, 65–68, pl. 5, fig. 3 (in *Rana hexadactyla*); 1905, 7–10.
- occidualis* Staff., 1905, Apr. 11, 687–688 (in *Rana clamata* Daud., *R. catesbiana* Shaw; Canada). (syns.: *Dist. ovocaudatum* of Nickerson 1898, 261, and of Staff., 1900, 409).
- ovocaudatus* (Vulpian, 1858) Looss, 1899b, 645.—Klein, 1905, 7, 8, 9; 1905, 65.—Luehe, 1900, 507; 1900, 558, 559.—Odhn., 1905, 364.—Ssnitzin, 1905, 140–144; 1906, 686 (in *Calopteryx virgo*; Warschau); larva is *Cerc. cystophora*.—Staff., 1904, May 3, 484 (compared with *Derothenes varicus* (in mouth of frogs) sp. Luehe, 1900, 558–559.—See *dubius* Klein, 1905.

HALZOUN Khouri, 1904, 78, name of disease, see sub *Fascioliasis*.HAPALOMETRA Pratt, 1902, 889, misprint for *Hapalotrema*.HAPALOTREMA Looss, 1899b, 656–657 (m. *constrictum*=*mistroides*); 1902m, 415, 520, 521, 523, 524, 839.—Braun, 1902b, 23.—Luehe, 1901, 488.—Odhn., 1902, 41, 42.—Ofenheim, 1900, 183.—Pratt, 1902a, 889 (*Hapalometra*, misprint), 907. 1902: *Hapalometra* Pratt, 1902a, 889, misprint.

constrictum (Leared, 1862 [nec Mehlis, 1846]) Looss, 1899b, 656, 750–752, figs. 72–75; 1902m, 417, 519–521 (in *Thalassochelys corticata* in Egypt).

mistroides (Mont., 1876).—Stiles & Hass., 1908, 279.

HAPLOMETRA Looss, 1899b, 599–600 (tod. *cylindracea*), 601, 602, 603; 1902m, 839.—Luehe, 1900, 557, 561.—Odhn., 1902, 41.—Ofenheim, 1900, 182, 183.—Pratt, 1902, 888, 900.—Staff., 1905, Apr., 11, 691.

cylindracea (Zed., 1800) Looss, 1899b, 600.—Darr, 1902, 663, 678.—Kowal., 1902d, (8) 26; 1904, (9) 24, (in *Rana temporaria*; Dublany).—Luehe, 1900, 556, 557.

HAPLOMETRINÆ Pratt, 1902a, 888, 900 (includes: *Haplometra*, *Hæmatolæchus*, *Ostriolum*, *Macrodera*; related genera: *Opisthogonimus*, *Asymphyllodora*).

HAPLOPORINÆ Looss, 1902, 129–143, 14 figs., distome subf.

HAPLOPORUS Looss, 1902h, 134–135 (tod. benedeni).

benedeni (Stoss., 1887) Looss, 1902h, 135, 136–138, figs. 5–6.

lateralis Looss, 1902h, 138–139, figs. 7–8 (in *Mugil auratus*, M. chelo).

HAPLORCHIDINÆ Pratt, 1902, 890 (includes: Haplorchis, Galactosomum, Opisthotrema, Cyclocelum, Notocotylus, Ogmogaster, Stictodora, Mesometra, Monost.).

HAPLORCHINÆ Looss, 1899b, 671.

HAPLORCHIS Looss, 1899b, 670–671 (tod. pumilio); ἀπλοῦς, single; 1902m, 442, 512.—MacCallum, 1902, 636.—Pratt, 1902, 890, 910.

cahirinus (Looss, 1896) Looss, 1899b, 671, 752–754, fig. 89.

pumilio (Looss, 1896) Looss, 1899b, 671.

HAPLOSPLANCHNUS Looss, 1902i, July 26, 119–122 (m. pachysomus); 1902k; 1903n, 899; 1905h.—Odhm., 1905, 293.

pachysomus (Eysenhardt, 1829) Looss, 1902i, 129.

HAPLOSTOMUM Burm., 1856a, 250 (“Bei den Holostomiden (Acolytea Dies.) ist ausser der Sauggrube, worin sich der Mund befindet, keine zweite Sauggrube am Körper vorhanden.—Diplostomum und Haplostomum mit den davon abgezweigten Formen haben weit von einander getrennte Geschlechtsöffnungen; bei Holostomum stehen sie dicht neben einander”).

HARMOSTOMINÆ Looss, 1900, 605.—Pratt, 1902, 889, 907 (includes: Harmost., Ityogonimus, Glaphyrostomum, Scaphiost.).

HARMOSTOMUM Braun, 1899g, 492 (tod. leptostomum; also places here D. spinulosum Hofm., D. opisthotrias Lutz); 1900h, 5, 11, 12, 13; 1901b, 34; 1901c, 338, 342 (syn. Heterolope); 1901, 562, 564, 567; Braun, 1901, 897; 1902b, 114, 115, 116, 120, 122, 125, 135 (syn. Heterolope).—Cohn, 1902, 880.—Looss, 1900, 605 (Marmost., misprint); 1901, 199; 1902m, 813, 839.—Luehe, 1900, 557; 1901, 488.—Odhm., 1902, 42.—Pratt, 1902, 889, 907.—Stiles, 1901, 183, 185.

1899: Heterolope Looss, 1899b, 551, 651–652, 653, 655 (tod. leptostoma) [not Heterolope Franzenau, 1884, protozoon].

1900: Marmostomum Looss, 1900, 605, misprint.

aquans (Looss, 1899) Braun, 1900h, 12; 1901e, 338.

caudale (Rud., 1809) Braun, 1901f, 562; 1902b, 123, 124 (syn. Dist. caryocatactis Zed.) (in *Nucifraga caryocatactes*).

centrodes Braun, 1901g, 941 (in *Tinamus variegatus* Lath.; Brazil); 1902b, 120, 121, 122, figs. 73, 74.

fuscum (Rud., 1819) Braun, 1902b, 114, 115 (in *Coturnix communis*), 116, 118, 129, fig. 71.

leptostomum (Olss., 1876) [Braun, 1899g, 492]; 1906, 133, fig. 68 (in *Helix hortensis*).

marsupium Braun, 1901g, 941 (in *Perdix rufina* Spix; Brazil); 1902b, 118, 121, fig. 72.

mesostomum (Rud., 1803) Braun, 1902b, 128 (syn. D. caudale Rud.).

mordens Braun, 1901g, 941 (in *Rallus* sp.; Brazil); 1902b, 122, 132, fig. 75.

opisthotrias (Lutz, 1895) Braun [1899g, 492] 1901e, 338–339.

[*spinulosum* (Hofman, 1899) Braun, 1899g, 492.]

HECTOCOTYLUS Cuv., 1829b, 147 (type octopodis).—This supposed worm is not a trematode, but a male mollusk. The name is written in various ways: Hectocotyle, etc.

HELICOMETRA Odhn., 1902, 160–161 (tod. pulchella); 1905, 327, 328.—Stoss., 1903, v. 7 (3), 373–376, 1 fig.; 1904, 199; 1905, Jan. 31, 23; 1905, Jan. 10, 789.

1902: Halicometra Pratt, 1902a, 888, 896, misprint.

fasciata (Rud., 1819) Odhn., 1902, 161, 162.—Stoss., 1903, 373, 375; 1904, 13.

flava Stoss., 1903, 373–376, 1 fig. (in *Centropristis hepatus*; Triest); 1904, 13.

gobii (Stoss., 1883) Stoss., 1904, 12–13 (in *Gobius jozo*; Triest).

mutabilis (Stoss., 1902) Stoss., 1903, 375, 376; 1904, 13.—Engler, 1904, 186.—Hollack, 1902a, 868.

pulchella (Rud., 1819) Odhn., 1902, 161–162, fig. 3 (syn. D. labri Stoss.).—Stoss., 1903, 373, 375; 1904, 13.

sinuata (Rud., 1819) Odhn., 1902, 162.—Stoss., 1903, 373, 375; 1904, 13.

HEMISTOMA Cobbold, 1876, 853, for Hemistomum.—Fischder., 1903h, 488.

HEMISTOMEÆ Brand., 1890a, 585.

HEMISTOMIDÆ Brand., 1888a, 58.—Braun, 1893a, 887.—Heider, 1900, 19–22, 4 figs. (Braunina n. g.).

HEMISTOMINÆ Braun, 1893a, 890, 895, 902.—Mont., 1892, Oct. 7, 214 (subf. of Holostomidæ).—Mueh., 1898, 18.—Pratt, 1902, 890 (Hemist.).—Wolf, 1903, 621.

HEMISTOMUM Dies., 1850a, 287, 307–312 (type by inclusion alatum=Alaria vulpis; also type by first species rule) (syns.: Plan. Gœze, Festuc. et Alaria Schrank, Fasc. Gmelin, Strigea Abildg., Dist. et Amphist. Rud., Holost. Nitzsch), 397 [not Hemistomia Crosse, 1872, mollusk]; 1855, 60–61; 1858e, 312, 318–319.—Brand., 1888a, 8, 9, 12, 13, 14, 50, 59; 1892, 505.—Braun, 1892a, 599, 600; 1893a, 872, 879, 887, 890, 894, 895, 900, 902, 917; 1894, 166; 1895b, 132, 136.—Carus, 1863, 479.—Cohn, 1904, 235.—Fischder., 1903h, 488.—Gamb., 1896, 73.—Goldb., 1855, 17.—Johnston, 1904a (in Australian birds).—Hoyle, 1890, 539 (3 sp., 1 in wild cat, 2 in birds).—Looss, 1896b, 13 (sp. of Sons., syn. of Gastrodiscus ægyptiacus).—Mont., 1888, 71, 84, 91; 1891, 105, 109; 1892, Oct. 7, 214 (gen. of Hemistominæ).—Moul., 1856a, 12, 15.—Pratt, 1902, 890, 908.—Rail., 1893a, 381; 1896, 160 (=Conchosomum).—Schneidemuehl, 1896, 295, 303.—Villot, 1878, 19; 1898, 538.—Wolf, 1903, 607.

1876: Hemistoma Cobbold, 1876, 853.

ægyptiaca (Cobbold, 1876) Cobbold, 1876, Dec., 853–854.

alatum (Gœze, 1782) Dies., 1850a, 307–308 (includes Plan. alata Gœze, Festuc. alata Schrank, Fasc. alata Rud., Dist. alatum Zed., Holost. alatum Nitzsch, Fasc. vulpis Gmelin, Alaria vulpis Schrank, Dist. vulpina Abildg.).—Anacker, 1892c, 94.—Baillet, 1866b, 106 (to Holost.).—Brand., 1888a, 16, 60 (syns. Alaria vulpis Schrank, Dist. alatum Rud., D. vulpina Abildg., Fasc. alata Rud., Festucaria alata Schrank, Fasc. vulpis Schrank, Holost. alatum Nitzsch, Plan. alata Gœze) (in Canis familiaris, C. vulpis, Thoas cancrivorus); 1890a, 568, 569, 587, pl. 40, figs. 1–5.—Braun, 1883b, 25; 1892a, 569, 599; 1893a, 879, 902; 1896b, 3; 1896d, 583; 1897c, —; 1901e, 336.—Cobbold, 1879b, 432.—Dav., 1877a, 233.—Mol., 1858, 127; 1861, 193.—Mueh., 1898, 18.—Par., 1894, 202, 620, 809, 1050.—Rail., 1893a, 382; 1896, 160 (to Conchosomum).—Ratz, 1898, 397.—Schneidemuehl, 1896, 303.—Sons., 1889, 192 (Emistomum).—Stoss., 1891, 111 (in Vulpes vulgaris).—Ward, 1895, 341 (in Canis familiaris).—Zuern, 1882, 221.—Also reported for Canis azaræ, Canis lagopus, C. lupus, Megalotis cerdo.

attenuatum Linst., 1906, 11–12, pl. 1, fig. 13 (in Buteo vulgaris).

auritum (Duj., 1845) Dies., 1850a, 311–312 (in Strix flammea, Apr., Rhedoni).—Brand., 1888a, 62; 1890a, 589 (in St. flam.).—Braun, 1893a, 902.

clathratum Dies., 1850a, 308 (t. h. Lutra brasiliensis; Matogrosso, Brazil); 1855, 61, pl. 1, figs. 13–15; 1858e, 318, 319.—Brand., 1888a, 60–61; 1890a, 587–588, pl. 40, figs. 6–13 (in L. bras.).—Braun, 1892a, 569, 582, 599, 699; 1893a, 902.—Cobbold, 1879b, 298.—Wolf, 1903, 605, fig. 2.

commutatum Dies., 1850a, 311 (includes “Amphist. pileatum” of Bremser, pl. 8, figs. 28, 29, not of Rud., 1819) (t. h. Sterna caspica; June, M. C. V.).—Brand., 1888a, 62; 1890a, 590 (in S. cas.).—Braun, 1893a, 902.

cordatum Dies., 1850a, 308–309 (t. h. Felis catus ferus; Nov., M. C. V.); 1855, 61, pl. 1, figs. 16–18; 1858e, 319.—Brand., 1888a, 24, 25, 61–62; 1890a, 552, 554, 589, pl. 40, figs. 18, 20 (in Felis catus); 1892, 505.—Braun, 1892a, 569, 579; 1893a, 902.—Cobbold, 1879b, 307.—Heider, 1900, 19, 21.—Schneidemuehl, 1896, 303.—Wolf, 1903, 605, 606, 609, fig. 3.

denticulatum (Rud., 1819) Dies., 1850a, 311 (in Alcedo ispida; Rhedoni).—Brand., 1888a, 62 (in A. isp.; Wien. Mus.); 1890a, 589.—Braun, 1893a, 902.—Villot, 1898, 538, 539, 540, 541, 542 (adult of Diplost. volvens; larva in Phoxinus laevis).—Wolffhuegel, 1900, 9, 18.

ellipticum Brand., 1888a, 59–60, 67 (in Piaya cayana; by Natterer); 1890a, 586, 595.—Braun, 1893a, 902 (Brazil).

excavatum (Rud., 1803) Dies., 1850a, 309–310 (in Ciconia alba, July, Gryphæ; C. nigra).—Braun, 1893a, 902; 1894, 167.—Brand., 1888a, 62; 1890a, 590 (in Ciconia alba, C. nigra).—Giebel, 1857, 265.—Mueh., 1898, 16, 18.—Also reported for Nycticorax griseus.

grande (Dies., 1850) Brand., 1890a, 576 (syn. of H. macropterum).

intermedium Johnston, 1904, 109–110, pl. 5, figs. 7–10 (in Cygnus atratus Lath.).

HEMISTOMUM—Continued.

kordatum, see *cordatum*.

macropteron Wien. MS. in Brand., 1888a, 55 (syn. *Diplost. grande* Dies.); 1890a, 576, 581.

pedatum Dies., 1850a, 309 (t. h. *Didelphis myosurus* and *D. cancrivorus*; Brazil, May, June, Dec.); 1855, 61–62, pl. 1, figs. 19–24; 1858e, 319.—Brand., 1888a, 57, 61 (in *Did. cancr.*, *D. my.*); 1890a, 584, 588, pl. 40, fig. 14.—Braun, 1892a, 581; 1893a, 880, 902.

pileatum Brand., 1888a, 59, 62, 64 (in *Sterna caspica*, *Larus glaucus*, *Colymbus arcticus*, *Mergus merganser*) (syn. *Holost. erraticum* of Linst., 1877c, 188, pl. 13, figs. 18–19); 1890a, 586, 589, 590, 591, pl. 40, fig. 21; 1892, 510.—Braun, 1892a, 582; 1893a, 902.—Kowal., 1904, (8), 23 (in *Mergus merganser*).—Linst., 1906, 12.—Mueh., 1898, 18.—Stoss., 1895, 37; 1898, 20.—Wolffhüegel, 1900, 9, 15, 54, 61, 62.—Reported also for *Buteo vulgaris*, *Ciconia alba*, *Colymbus glacialis*, *C. septentrionalis*, *Larus marinus*, *L. ridibundus*, *Nyctea nivea*, *Podiceps cristatus*.

podomorphum (Nitzsch, 1819) Dies., 1850a, 311 (in *Falco haliaetos*; Halle).—Brand., 1888a, 62; 1890a, 589 (in *F. hal.*).—Braun, 1893a, 902.—Also reported for *Circus cineraceus*.

spathaceum (Rud., 1819) Dies., 1850a, 310 (syns. *Amphist. lari glauci* Rud., *Holost. spathaceum* Duj., 1845a, 375) (in *Larus argentatus*, *L. argentatoides*, *L. canus*, *L. marinus*, *L. tridactylus*; London).—Brand., 1888a, 62 (same hosts); 1890a, 589.—Braun, 1891d, 424 (in *Lestris buffonis*); 1894k, 681; 1894, 166, 167.—Kowal., 1896d, 252 (2) (in *Dominicanus marinus* Bruch., Lwow).—Lønnb., 1891, 76.—Mueh., 1898, 16, 18–19.—Olss., 1876, 29 (to *Diplost.*).—Stoss., 1898, 20.—Villot, 1898, 542 (adult of *Diplost. volvens*).

spathula (Crep., 1825) Dies., 1850a, 309 [also *spatula*, *spatulum*] (includes: *Strigea falconis palumbarii* Viborg, *Amphist. falconis palumbarii* Rud., *A. striatum* Rud., *A. macrocephalum* (*Falconis milvi*) Rud., *A. macrocephalum* Bremser non Rud.; *Holost. spatula* Crep.); 1858e, 319 (in *Falco nesus*).—Brand., 1888a, 54, 59, 62, 68 (to Dist.); 1890a, 574, 580, 585–586, 589, 596, pl. 40, figs. 15–17 (in *Buteo vulgaris*, *Syrnium aluco*).—Braun, 1891d, 424; 1893a, 879, 902; 1893b, 185 (in *Circus æruginosus*).—Cobbold, 1858b, 164 (in *Strix otus*, *Falco milvus*); 1879b, 447.—Kowal., 1896d, (2) 252 (in *Buteo vulgaris* Bechst.; Dublin).—Linst., 1903, 279 (*spatula*); 1906, 12 (in *Buteo vulg.*).—Mol., 1858, 127; 1861, 193–194, pl. 1, figs. 3–5.—Mueh., 1898, 19.—Par., 620, 1050.—Stoss., 1890, 50; 1892, 66; 1895, 36–37; 1896, 126; 1898, 20.—Wedl., 1857, 257–258, pl. 1, figs. 23–26.—Wolffhüegel, 1900, 9, 11, 12, 14, 15, 16, 17, 44.—Reported also for *Accipiter nesus*, *Aegolius brachyotus*, *Aquila chrysaetos*, *A. nævia*, *Archibuteo vulgaris*, *Ascolopax gallinago*, *Astur nesus*, *A. palumbarius*, *Botaurus stellaris*, *Brachyotus palustris*, *Bubo maximus*, *Buteo lagopus*, *Circaetus gallicus*, *Circus cyaneus*, *C. rufus*, *Falco albicilla*, *Milvus ater*, *Otus vulgaris*, *Picus* sp.

species Sons., 1876.—Ward, 1895, 338 (syn. of *Gastrodiscus ægyptiacus*), in *Equus caballus*.

triangulare Johnston, 1904, 108–109, pl. 5, figs. 1–6 (in *Dacelo gigas* Bodd.).

trilobum (Rud., 1819) Dies., 1850a, 310; 1858e, 319 (in *Carbo comoranus*).—Brand., 1888a, 59; 1890a, 586 (in *Pelecanus crispus*).—Braun, 1893a, 903.—Stoss., 1897, 9 (in *Botaurus stellaris*).—Wedl, 1857, 255–257, pl. 2, figs. 20–22.

HEMIURIDÆ Luehe, 1901n, 394–403, 473–488; 1901o, 638–640.—Lander, 1904a, 3.—Looss, 1902m, 839, 848 (includes: *Hemiurus*, *Eurycœlum*, *Accacœlum*, *Derogenes*, *Pronopyge*, *Liocerca* (= *Liopyge*), *Halipegus*).

HEMIURINÆ Looss, 1899b, 640; 1901, 438.—Luehe, 1901n, 481.—Nicoll, 1907, 84.—Odhn., 1905, 355–356, 357, 360, 364, 366.—Pratt, 1902, 889, 905 (includes: *Hemiurus*, *Lecithocladium*, *Pronopyge*, *Lecithochirium*, *Lecithaster*, *Liopyge*, *Derogenes*).

HEMIURUS Rud., 1809a, 38 [type *appendiculatus* by Stiles & Hass, 1898a, 90] (nec *Hemiurus* Gervais, 1855, mammal; nec *Hemiura* Ridgway, 1888, Jan. 6, 511, bird).—Darr, 1902, 698.—Linst., 1904, 252.—Looss, 1899b, 527, 534, 551, 571, 582, 583, 638, 639, 640–641, 642; 1901, 194, 201, 207; 1901, 438; 1902m, 756, 781, 805, 830, 831, 839.—Luehe, 1900, 509; 1901, 394, 395, 396–401, 402, 474, 479, 480, 482, 484.—Nicoll, 1907, 84.—Odhn., 1905, 354, 355, 356, 359.—Pratt, 1902, 889, 906.—Stiles, 1901, 177, 178, 185, 193.—Stiles & Hass., 1898a, 90–91, 96 (includes: Dist. (*Apoblema*), Duj., *Apoblema* Duj., *Eurycœlum* Brock) (type *Fasc. appendiculata* Rud.).

HEMIURUS—Continued.

- 1845: Dist. (Apobrama) Duj., 1845a, 383, 389, 420 [tld. appendiculatum].
- appendiculatus* (Rud., 1802) Looss, 1899b, 641, 671; 1902m, 831.—Lander, 1904a, 4.—Luehe, 1901, 395, 396, 398, 400, 475.—Nicoll, 1907, 69, 70, 71, 72, 84, 86, 87, 88 (in *Anguilla vulgaris*, *Centronotus gunnellus*, *Cottus bubalis*, *Hippoglossus vulgaris*, *Pleuronectes limanda*, Pl. *platessa*).—Odh., 1905, 349, 350, 351, 352 (in *Alosa finta*).—Staff., 1904, May 3, 484 (in esoph., stomach, Canada, of *Salmo salar* L., *Osmerus mordax* Mit., *Clupea harengus* L., *Gadus callarias* L., *Pollachius virens* L., *Ammodytes tobianus* L., *Anguilla anguilla* L., *Acanthocottus scorpius* L., *Hippoglossus hippoglossus* L., *Platysomatichthys hippoglossoides* Walb.); 1905, Apr. 11, 682, abundant in copepods (*Acartia*).—Stiles, 1901, 177.
- bothryophorus* (Olss., 1868) Looss, 1899b, 641, 728–729 (in *Alosa finta*), 741.
- communis* Odh., 1905, 348, 350, 351 (in numerous Scandinavian marine fishes), 352, 353 (syn. Dist. *appendiculatum* Rud. of Olss., 1868).—Nicoll, 1907, 71, 86–88 (in *Ammodytes tobianus*, *Gadus aeglefinus*).
- crenatus* (Rud., 1802) Luehe, 1901n, 395, 397, 398, 399–401 (“nec Looss, 1899”) [the synonymy as given by Luehe is not altogether clear].—Lander, 1904a, 1–28, figs. 1–42 (anat.; syns. Fasc. *cren. Rud.*, Dist. *cren. Rud.*, Dist. *ocreatum* Olss., *Apobrama ocreatum* Juel, *Hemius ocreatus* Looss); 1904b–c; 1905a.—Nicoll, 1907, 84.—Odh., 1905, 350, 352, 353, 356 (type of *Brachyphallus*).—Tennent, 1906, 666.
- crenatus* (Mol., 1859) Looss, 1899b, 641.—Luehe, 1901n, 399 (not of Rud.).
- digitatus* Looss, 1899b, 641, 729–731, fig. 48 (in *Sphyræna vulgaris*; Sawakin, Egypt, Jan.).—Darr, 1902, 659.
- excisus* (Rud., 1819) Looss, 1899b, 641.
- grandiporus* (Rud., 1819) Looss, 1899b, 641, 730.—Luehe, 1901, 401.—Nicoll, 1907, 84.
- lævis* (Lint., 1898) Looss, 1899b, 641.—Luehe, 1901, 401.—Nicoll, 1907, 84.
- levinseni* Odh., 1905, 348–351, pl. 4, fig. 2 (in *Gadus saida* of East Greenland; also in *G. morrhua* s. *ovak*, *G. melanostomus*, *Cottus scorpius*, *Phycis blennoides*; West Greenland, North Denmark) (syns. Dist. *appendiculatum* Rud. of Olss., and Rud. of Levin.).
- lühei* Odh., 1905, 351, 352 (syns. Dist. *appendiculatum* Rud. of Olss., 1868; H. *stossichi* Luehe, 1901 [nec Mont., 1891]) (in *Clupea harengus*, *C. sprattus*, and ? *C. pilchardus*).—Nicoll, 1907, 72, 85–86, 87 (syn. of H. *stossichii*) (in *Clupea harengus*).
- microporus* (Mont., 1889) Looss, 1899b, 641.
- mollissimus* (Levin., 1881) Looss, 1899b, 641.
- monticellii* (Lint., 1898) Looss, 1899b, 641.
- ocreatus* (Mol. of Olss., 1868) Looss, 1899b, 641 (nec Rud.).—Lander, 1904a, 1, syn. of H. *crenatus* (Rud.).—Luehe, 1901n, 399.
- rufoviridis* (Rud., 1819) Looss, 1899b, 641, 730.
- sluiteri* (Brock, 1886) Looss, 1899b, 641.
- species Braun, 1902b, 125.
- stossichi* (Mont., 1891) Looss, 1899b, 641.—Luehe, 1901n, 398–399, 400 (*stossichii*).—Nicoll, 1907, 84, 85, 88 (syn. of H. *lühei*).
- stossichi* Luehe, 1901n (nec Mont., 1891) of Odh., 1905, 351, 352 (renamed H. *lühei* Odh.) (in *Clupea pilchardus*).
- stossichii* Luehe, 1901n, 400, for *stossichi*.
- tornatus* (Rud., 1819) Looss, 1899b, 641.
- varicus* (Mueller, 1784) Looss, 1899b, 641.
- (HEMIURUS) Rud., see *Hemius*.
- scabrum* (Mueller, 1788) Looss, 1899b, 582.
- HEPASTOMUM Brand., 1888a, 15, for *Heptostomum*.
- HEPHOSTOMUM Burm., 1856a, 251 (“In anderen Fällen fehlen die Sauggruben am Munde, so bei *Diclidophora*, *Hexacotyle*, *Hephostomum*”).
- HEPTASTOMUM (for *Heptostomum* Schomburgk, 1844, 136).—Brand., 1888a, 15 (*Heptastomum*), 52; 1890a, 578.—Braun, 1893a, 884.—Dies., 1850a, 289, 418 (syn. Dist. *Henle*); 1858e, 314, 369–370 (m. *hirudinum*).—Fil., 1854a, 23.—Goldb., 1855, 19.—Mont., 1888a, 84, 92.—Tasch., 1879, 234.

HEPTASTOMUM—Continued.

hirudinum Schomburgk, 1844, 136 (in *Nephilis vulgaris*, *Clepsine complanatum*) (includes *Dist. hirudinis*).—Brand., 1888a, 13.—Braun, 1892a, 795.—Crep., 1846, 159.—Dies., 1850a, 418–419 (syn. *Dist. hirudinis* Henle, *D. tarda*); 1858c, 370, pl. 2 (in *Nephilis vulgaris*, *Clepsine complanata*).—Fil., 1854a, v. 15, 23.

HEPTOSTOMUM Schomburg, 1844, 136, see also Heptastomum.

HERONIMUS MacCallum, 1902, 25 Oct., 632–636 (m. *chelydræ*) (monostome).

chelydræ MacCallum, 1902, Oct. 25, 632–636, figs. 1–2 (in *Chelydra serpentina*; Dunnville, Ontario); 1902, Dec. 30, 843–844; 1905, Aug., 62.

HETERACANTHUS Dies., 1836, 307–310 (*Axine* 1794, renamed, hence type *pedatus* = *bellones* renamed) [not *Heteracanthus* Newberry, 1889, fish]; 1850a, 425 (syn. of *Axine*).—Braun, 1890a, 518.—Crep., 1838, 83; 1839, 291.—Nord., 1840, 598.—Tasch., 1879, 255 (syn. of *Axine* *Abildg.*, 1794).

pedatus Dies., 1836c, 310–313, pl. 17, figs. 1–2. (*Axine bellones* *Abildg.* on *Esox belone* renamed); 1850a, 425 (syn. of *Axine bellones*).—Ben., 1858a, 1861a, 53 (syn. of *Ax. bell.*).—Crep., 1838, 83 (syn. of *Ax. platyura*).—Goto, 1894, 196 (*Ax. belones partim*).—Kroyer, 1846–53a, 273 (in *Belone rostrata* Fab.).—Nord., 1840, 598 (syn. *Ax. bell.*) (in *Esox belone*).—Sieb., 1839, 163.—Stoss., 1898, 14.—Tasch., 1879, 256 (syn. of *Ax. belones*).

[*politus* (fossil fish).]

sagittatus Dies., 1836, 313, pl. 17, figs. 10–12 (on *Esox belone*; [Europe]); 1850a, 425 (syn. of *Axine bellones*).—Ben., 1858a, 1861a, 53 (syn. of *Ax. bell.*).—Crep., 1838, 83 (syn. of *Ax. platyura*).—Goto, 1894, 196 (*Ax. belones* *Abildg. partim*).—Kroyer, 1846–53a, 273 (in *Belone rostrata* Fab.).—Nord., 1840, 598–599 (in *Esox belone*).—Sieb., 1839, 163.—Tasch., 1879, 256 (syn. of *Ax. belones* *Abildg.*).

HETEROBOTHRIUM Cerf., 1895m, 141, 142, 145–146 (m. *tetrodonis*); 1896, 548, 551–552.—Mont., 1903, 336 (subf. *Diclidophorinæ*).—St.-Remy, 1898, 552.—Zool. Anz., 1895, 327.

tetrodonis (Goto, 1894) Cerf., 1895m, 141, 142, 146 (in *Tetrodon* sp.; Japan); 1896, 548, 552.—Zool. Anz., 1895, 327.

tetrodonis St.-Remy, 1898, 554 (= *Diclidophora tetrodonis*), for *tetrodonis*.

HETEROCOTYLE Scott, 1904, 279 (m. *pastinacæ*).

pastinacæ Scott, 1904, 279, pl. 17, fig. 14 (in *Trygon pastinaca*; Dornoch Firth, Oct.).

HETERECOTYLEA Mont., 1905c, 68, apparently for *Heterocotylea*.—Massa, 1906, 43.

HETEROCOTYLEA Mont., 1892; 1899, 81, 88, 107 (*Eterocotylea*); 1903, 234; 1903c, 334–336; 1904 (II.10), 65–80, figs. 1–5 (remarks with reference to some species of); 1905c, 65–80, 5 figs.—Braun, 1893a, 889, 917; 1893b, 188; 1895b, 136.—Gamb., 1896a, 73.—Maclaren, 1904, 574, 579, 583, 586, 590, 591, 594, 596, 599.—Mueh., 1898, 17.—Pratt, 1900, 645, 646 (includes: *Temnocephalidæ*, *Tristomidæ*, *Monocotylidæ*, *Polystomidæ*, *Gyrodactylidæ*, 647–654, 655–657, pls. 1–50, 658–661 (key to American species), 661–662; 1902, 890 (key).—Ward, 1903, 864.

HETEROKOTYLEA Schneidemuell, 1896, 295, for *Heterocotylea*.

HETEROLOPE Looss, 1899b, 551, 651–652, 653, 655 (not *Heterolopa* Franzenau, 1884, Protozoon) (orig. species: *leptostoma* [tod.], *opisthotrias*, *æquans*, *caudata* (*ἔτερος*=anders; *ἡ λῶπη*=wall, because of the structure of the skin); 1900, 605.—Braun, 1900h, 6, 11, 13; 1901e, 338 (=Harmost.); 1902b, 114 (syn. of *Harmost.* Braun, 1899, 492).—Cohn, 1902, 880 (=Harmost.).—Luehe, 1900, 557.—Ofenheim, 1900, 183.

æquans Looss, 1899b, 652, 746–748, fig. 70 (in *Gerbillus ægyptius*).—Braun, 1900, 12.

caudata (Linst., 1873) Looss, 1899b, 652 (nec Mueller, Bosc, Polonio).

leptostoma (Olss., 1876) Looss, 1899b, 652, 746, 747, 748.

opisthotrias (Lutz, 1895) Looss, 1899b, 652.

HETEROLOPINÆ Looss, 1899b, 653, 655; 1900, 605.—Braun, 1900h, 13.

HETEROPHYES Cobbold, 1866a, 6 (m. ægyptiaca=heterophyes) [this genus was probably published in some earlier paper].—Looss, 1902m, 786, 805, 808, 824; 1902n, 886–891 (revision of); 1903o, 899–900; 1905k, 56; 1907, Mar. 5, 488, 489.—Ward, 1903, 870.

1899: *Cotylogonimus* Luehe 1899, 538–539 (tod. heterophyes).

1899: *Cænogonimus* Looss, 1899b, 585 (tod. heterophyes).

ægyptiaca Cobbold, 1866a, 6 (Dist. heterophyes renamed).

æqualis Looss, 1902n, 888 (in dogs and cats; Egypt).

dispar Looss, 1902n, 888–889 (in dogs and cats).

fraternus (Looss, 1894) Looss, 1902m, 785, 808, 809, 838, 854; 1902n, 887; 1907, Mar. 5, 488 (in *Pelecanus onocrotalus*; Cairo, Egypt).

heterophyes (Sieb., 1852) Stiles & Hass., 1900a, 563.—Looss, 1902m, 782, 785, 786, 808, 809, 838, 854; 1902n, 889; 1905, 111 (in man, cats, and dogs; Egypt), fig. 18.—Ward, 1903, 704; 1903, 864 (in *Homo*), 870 (includes: Dist. het. Sieb., 1852; *Mesogonimus* het. Rail., 1890; *Cænogonimus* het. Looss, 1900; *Cotylogonimus* het. Luehe, 1900), 871.

inops Looss, 1902n, 887–888 (in *Pelecanus onocrotalus*; *Milvus ægyptius* s. *M. parasiticus*; Egypt).

pallidus Looss, 1902n, 889–891 (in *Milvus ægyptius* s. *parasiticus*; Egypt).

persicus (Braun, 1901) Looss, 1902m, 782, 785.

HETEROSTOMA Fil., 1837a, 338–340 (m. echinatum) (ἑτερος, diverso; στόμα, bocca); 1857c, 9 (*Heterostomum*).—Burm., 1856a, 250 (*Heterostomum*).—Dies., 1850a, 287, 301–303 (syn. Dist. Baer) (*Heterostomum*; 1855a, 396 (mentions only two species: echinatum, ovatum).—Erc., 1881e, 33; 1882a, 269.—Goldb., 1855, 16.—Moul., 1856a, 12, 16, 121.

1850: *Heterostomum* Dies., 1850a, 287, 301–303, for *Heterostoma*.

echinatum Fil., 1837a, 338–339, 340, figs. 16–18 (t. h. *Paludina impura*; Italy) (an Agamodist.).—Dies., 1850a, 302 (*Heterostomum*); 1855a, 396; 1858d, 280 (to *Cercariæum*).—Leidy, 1858a, 110; 1877, 202.—Moul., 1856a, 216 (“pourait bien être un individu libre provenant de la *Cerc. paludicæ impuræ* Fil.”).

helicis asperæ Dies., 1850a, 302–303, based on Duj., 1845a, 472; 1855a, 398 (to *Cercariæum* *helicis aspersæ*).

helicis aspersæ Dies., 1855a, 398, for *helicis asperæ* (to *Cercariæum*).

helicis pomatiæ (Meckel, 1846) Dies., 1850a, 303; 1855a, 398 (to *Cercariæum*).

limacis Dies., 1850a, 302 (based on Duj., 1845a, 472–473); 1855a, 397 (to *Cercariæum*).

lymnæi Dies., 1850a, 302 (based on Duj., 1845a, 473); 1855a, 399 (syn. of *Cercariæum* *lymnæi palustris*).

ovatum Dies., 1850a, 302 (Dist. luteum Baer, 1827, pl. 29, figs. 20–22, renamed) (in *Paludina vivipara*; *Regiomontii*); 1855a, 396 (in *Pal. vivip.*); 1858d, 279 (to *Cercariæum*).—Mont., 1893, 190.—Moul., 1856a, 215 (syn. of Dist. luteum Baer).

HEXABOTHRIUM Nord., 1840, 600 (m. appendiculatum).—Cerf., 1899a, 351, 359, 371.—Dies., 1850a, 419, renamed *Onchocotyle*.—Stoss., 1898, 11.—Tasch., 1879, 252 (syn. of *Onchocotyle* Dies.).

appendiculatum (Kuhn, 1829) Nord., 1840, 601 (in *Squalus catulus*).—Dies., 1850a, 419 (type of *Onchocotyle*) (in *Scyllium catulus*, *Læmargus borealis*).—Tasch., 1879, 28 (to *Onchocotyle*).

HEXACOTYLA Blainv., 1828a, 570–571 (tod. thynni).—Dies., 1850a, 416 (renamed *Plagiopeltis*).

ocellatum (Rud., 1819) Blainv., 1828a, 571.—Baird, 1853a, 41 (= *Polyst.*).

thynni (Delaroche, 1811) Blainv., 1828a, 571.—Dies., 1850a, 417 (syn. of *Plagiopeltis* *duplicata*, type of *Plagiopeltis*) (in *Thynnus branchypterus*, ad insulas Balearicas).

HEXACOTYLE Blainv., 1828a, 570 (same as *Hexacotyla*; both are used by Blainv.; *Hexacotyle* has been adopted as the Latin form by a number of authors).—Braun, 1890a, 413, 516, 517, 518, 523, 534, 537, 546; 1893a, 890.—Burm., 1856a, 251.—Cerf., 1895h, 920; 1896, 515; 1899a, 391.—Dies., 1850a, 409, 416 (of Blainv., syn. *Hexathyridium* Treutler), 421 (of Nord., syn. of *Diclibothrium* Leuck.).—Gamb., 1896a, 73.—Goto, 1893a, 798, 799; 1894, 215.—Hoyle, 1890, 539.—Mont., 1888a, 89, 100; 1892, Oct. 7, 213 (subg. of *Otococtyle*); 1903, 336 (= *Plagiopeltis*) (subf. *Plagiopeltinae*).—Nord., 1840, 600.—Pratt, 1900a, 653, 657, fig. 38, on gills of marine fishes.—St.-Remy, 1898, 556.—Tasch., 1879, 69; 1879, 239, 249–250 (syns. *Polyst. Roche*, *Plagiopeltis* Dies.), 254 (of Nord., 1840, syn. of *Diplobothrium* Leuck.).

HEXACOTYLE—Continued.

- 1850: *Plagiopeltis* Dies., 1850a, 416–417 (duplicata = thynni).
acuta Goto, 1894a, 217–220 (in *Thynnus sibi*; Hagi and Osatsubé, (Hokkaidō)).—St.-Remy, 1898, 557.
elegans Nord., 1840, 597, 600 (*Diklibothrium crassicaudatum* renamed) (in *Acipenser stellatus*).—Dies., 1850a, 421 (syn. of *Diklibothrium armatum* Leuck.).—Tasch., 1879, 254 (syn. of *Diplobothrium armatum* Leuck).
grossa Goto, 1894a, 220–222 (in *Thynnus* sp.; Misaki).—St.-Remy, 1898, 557–558.
lapridis Sars., —.—Nord., 1840, 600 (in *Lampris gullatus*).
ocellatum (Rud., 1819) Blainv., 1828a, 571.—Dies., 1850a, 413 (to *Polyst.*).—Nord., 1840, 600 (in *Testudo orbiculata*).—Tasch., 1879, 252 (to *Polyst.*).
pinguicola (Treutler, 1793) Chiaje, 1833, 13 (= *Polyst.*).
thunninæ (Par. & Perugia, 1889) Goto, 1896, 352; 1899, 273–274, pl. 20, figs. 13–15.—Pratt, 1900, 657, fig. 38.—St.-Remy, 1898, 557.
thynni (Delaroche, 1811) Nord., 1840, 597, 600.—Braun, 1890a, 418, 537, 548.—Dies., 1850a, 417 (duplicata, type of *Plagiopeltis*).—Goto, 1899, 274.—Lint., 1901, 414 (in *Sarda sarda*), 446, figs. 296, 297, 298.—Par., 1894, 578; 1899, 3–4; 1902, 3 (in *Pelamys sarda*, *Portoferrajo*; *Thynnus thynnus*, *Elba*).—Par. & Perugia, 1890, 7.—St.-Remy, 1898, 556–557.—Tasch., 1879, 250 (syns.: *Polyst. th. Roche*, *P. duplicatum* Rud., *Hex. th. Blainv.*, *Plagiopeltis* dup. Dies.) (in *Thynnus branchypterus*, *Pelamys sarda*; *Napoli*).
venarum (Treutler, 1793) Blainv., see Dies., 1850a, 410 (to *Hexathyridium*).
HEXACOTYLIDÆ Mont., 1899, —; 1903, 336 (subf.: *Diplobothrinæ* (g. *Diplobothrium*); *Plectanocotylinæ* (g. *Plectanocotyle*, *Phyllocotyle*); 1905, 77, 78.
HEXASTOMA Rud., 1809a, 38, 451–457 (subg. of *Polyst.* containing: *integerrimum* [type by inclusion], *pinguicola*, (genus in *Cuv.*, 1836a, 264).—Dies., 1850a, 409 (syn. of *Hexathyridium* Treutler).—Kuhn, 1829, 358 (for *Polyst. Rud.*).—Thon, 1830, v. 7, 341.—Wallenstedt, 1847, 7.
integerrimum (Frœlich, 1791) Rud., 1809a, 451.
pinguicola (Treutler, 1793) [Cuv., 1836a, 264].—Dies., 1850a, 410 (to *Hexathyridium*).—Dolley.
venarum (Treutler, 1793) [Cuv., 1836a, 264 (to *Hexathyridium*)].—Dies., 1850a, 410 (to *Hexathyridium*).
HEXOSTOMA Rafinesque, 1815, 151, n. n. for *Polyst. Roche*, hence type *thynni*.
HEXATHIRIDIUM Blainv., 1821a, 144–145 (see *Hexathyridium*); 1824a, 516; 1828a, 571–572.
venarum (Treutler, 1793) Blainv., 1828a, 572.—Joy, 1835a, 505.—See *Hexathyridium*.
HEXATHYRIDIA Rafinesque, 1815, 151 (genus of *Fasciolaria* with *Polyst. Zed.* as syn.) for *Hexathyridium*.
HEXATHYRIDIDIUM Treutler, 1793, iv, 19–22 (type by first-species rule, *pinguicola*; this seems to be taken as type by authors; see, for instance, Braun, 1889a, 317).—Blainv., 1821a, 144–145 (*Hexathyridium*); 1824a, 516 (“Je doute beaucoup que ce genre puisse être regardé comme véritablement intestinal; il est extrêmement rapproché du polystome de Delaroche; aussi pensais-je qu’il a été décrit à l’envers, ce que l’on voit dans ma définition des caractères de l’ordre”); 1828, 571–572.—Braun, 1890a, 518; 1893a, 887, 891, 892, 894.—Burm., 1856a, 251 (*Hexathiridium*).—Cerf., 1899a, 351, 371.—Dav., 1877a, lxxx.—Dies., 1850a, 288, 409–410, 412 (Blainv., syn. of *Polyst. Zed.*); 1858e, 314, 368.—*Encycl. méthodique*, Par., v. 2, 455.—Goldb., 1855, 17.—Hoyle, 1890, 539 (probably a syn. for *Polyst.*).—Jørdens, 1802, 66.—Lamouroux, 1825, 193.—Leuck., 1863, 526; 1867, v. 2 (1), 150; 1868, v. 2 (2), 264.—Looss, 1902m, 756.—Mont., 1888a, 84 (*Hexathyridium*), 90.—Nord., 1840, 601 (*Hexathiridium*).—Rud., 1801a, 58; 1809a, 22.—Stoss., 1898, 11.—Tasch., 1879, 324, 251 (syn. of *Polyst. Zed.*).—Thon., 1830, v. 7, 341–342 (*Hexathiridium*).
1809: *Hexastoma* Rud., 1809a, 38, 451–457 (type by inclusion *pinguicola*).
1815: *Hexathyridia* Rafinesque, 1815, 151.
1821: *Hexathiridium* Blainv., 1821a, 144–145.
1888: *Hexathyridum* Mont., 1888a, 84.
1856: *Hexathiridium* Burm., 1856a, 261.
affine Dies., 1850a, 410 (t. h. *Bombinator igneus*; Berlin).—R. Bl., 1895, 104.—Schmitz, 1826, 15, figs. 1–13.

HEXATHYRIDIDIUM—Continued.

appendiculatum (Kuhn) Nord.—Tasch., 1879, 253 to Onchocotyle (Kuhn) [Nord. uses Hexabothrium app., not Hexathyridium app.].

integerrimum (Frölich, 1791) Blainv., 1828, 572.—Baird, 1853a, 41 (= Polyst. Rud.).—Dies., 1850a, 412 (to Polyst.).—Stoss., 1898, 10.

pinguicola Treutler, 1793, iv, 19–22, pl. 3, figs., 7–11 (t. h. Homo).—Blainv., 1828, 572.—Aitken, 1866, 804, 841; 1872, 146, 207; 1874, 58.—R. Bl., 1888a, 597.—de Bonis, 1882, 180.—Braun, 1883a, 69–70; 1895b, 155.—Brera, —, 100, pl. 1, fig. 28.—Cerf., 1899a, 351.—Cobbold, 1866, 7; 1879b, 36.—Dav., 1877a, lxxxi.—Dies., 1850a, 409–410 (includes: Polyst. ping. Zed., Linguatula ping. Lamarck, Hexast. ping. Cuv.); 1858e, 368 (to Polyst.).—Dunglison, 1893, 529, 821.—Hackley, 1886, 519.—Hoyle, 1890, 538.—Jærdens, 1802, 66, pl. 6, figs. 3–5.—Kholodk., 1898, 26, pl. 10, fig. 24.—Kuech., 1855, 464.—Leuck., 1863a, 526, 585, fig. 195.—Moniez, 1896, 108.—Mosler & Peiper, 1894, 186.—Mont., 1888, 90.—Rud., 1809a, 455 (t. Polyst.).—Verrill, 1870, 171.—Ward, 1895, 328 (in Homo).—Weinland, 1859, 281.

venarum Treutler, 1793, iv, 23–25, pl. 4, figs. 1–3.—Aitken, 1866, 804, 841–842; 1872, 146, 206; 1874, 58.—Biermer, 1863a, 393.—Blainv., 1828a, 572 (Hexathyridium).—R. Bl., 1888a, 596, 597; 1891, 605.—de Bonis, 1882, 181.—Braun, 1883a, 69; 1895b, 139; 1903, 3 ed., 150 (from Vena tibialis antica, probably young F. hepatica. Duval found adult F. h. in Vena portarum and other veins at Rennes (1842), and Vital (1874) describes same kind of case from Constantine); 1906, 155 (in Homo sapiens).—Bremser, 1824, 327–329, pl. 9, fig. u.—Cerf., 1899a, 351.—Cobbold, 1866, 7; 1879b, 36.—Crep., 1839, 290.—Dav., 1877, lxxxi, 329–330, figs. 15, 42.—Dies., 1850a, 410 (includes Polyst. ven. Zed., Polyst. sanguicola delle Chiaje, Linguatula ven. Lamarck, Hexast. ven. Cuvier, Hexacotyle ven. Blainv.); 1858e, 368.—Duval, 1842a, 771, 772.—Duj., 1845a, 321.—Dunglison, 1893, 529, 821.—Hackley, 1886, 519.—Hahn & Lefèvre, 1884a, 540–541.—Hémost, 1827, 16.—L'Herminier, 1826, 13.—Hoyle, 1890, 538.—Joy, 1835a, 505.—Kholodk., 1898, 26, pl. 10, fig. 23.—Kuech., 1855, 464.—Leuck., 1863a, 526, 575, 585, fig. 194.—Moniez, 1896, 108.—Mont., 1888, 90.—Mosler & Peiper, 1894, 186.—Rud., 1809a, 456 (to Polyst., as sp. inq.).—Sieb., 1839, 164.—Stiles, 1898a, 48.—Verrill, 1870, 171.—Ward, 1895, 328 (in Homo); 1903, 866.—Weinland, 1859, 281.

HEXATHYRIDIDIUM Mont., 1888, 84, for Hexathyridium.

HEXATIRIDIUM Burm., 1856a, 251 (see Hexathyridium).

HIRUDELLA Poir., 1885, 5, 7 [not Muenster, 1842, leech], see Hirudinella.

HIRUDINELLA [Garsin, 1730, 58–59, fig., prelinnaean (m. marina); 1735, 261, pl. 4, figs. 1–3].—Blainv., 1824a, 518 (“hirudinelle”; “J’admets ce genre pour les fascioles cylindriques qui ont quelque ressemblance avec les sangsues, et entre autres le fasc. clavata Linn.”); 1828, 586 (type clavata) [not Hirudinella Gray, 1850, mollusk; not Hirudinella Muenster of Dies., 1850a, leech].—Baird, 1853a, 59.—Buttel-Reepen, 1902, 168.—Darr, 1902, 644, 648, 658, 662–699.—Dies., 1850a, 292.—Encycl. méthodique, Par., v. 2, 456.—Lamoureux, 1825, 241.—Planque, —, 993, 221.—Poir., 1885, 5, 7 (Hirudella) [not Hirudella Muenster, 1842, renamed Hirudinella by Dies., 1850].—Stiles, 1901, 194 (type Fasc. clavata).

1885: Hirudella Poir., 1885, 5, 7 [not Muenster, 1842], for Hirudinella.

[*angusta* Muenster, 1842, 98, pl. 1, fig. 5.—Dies., 1850a, 471; 1859, 511.—Pictet, —, 457.—A leach.]

clavata (Menziès, 1791) Blainv., 1828, 586.—Baird, 1853a, 59 (includes H. marina Garsin, Fasc. clav. Menziès, F. scombrì pelamidis Tilesius, F. coryphænae Bosc, Dist. clav. Rud.).—Buttel-Reepen, 1902, 167, 168, 171, 185, 190, 191, 193, 195, 198, 202, 206, 209, 212, 214, 218 (syn. of Dist. ventricosum).—Darr, 1902, 649, 652, 657, 658, 667, 668, 669, 670, 676, 678, 680, 682, 687, 689, 690, 692, 696, 698–699, 1 fig., pl. 34, figs. 16–25, pl. 35, figs. 26–34.

ingens (Moniez, 1886) Darr, 1902, 687, 688.

marina Garsin, 1730a, 387–394, pl. 1, fig. 2 (in Scomber pelamys); 1732a, 43–44, 1 pl., 3 figs.—Baird, 1853a, 59 (=clavata).—Buttel-Reepen, 1900a, 586; 1902, 166, 168, 194, pl. 6, fig. 1.—Cobbold, 1879b, 461.—Darr, 1902, 663, 664.

[*tenuis* Muenster, 1842, 99.—Dies., 1850a, 471 (a leach); 1859, 511.—Pictet, —, 457.]

ventricosus (Pallas, 1774) Baird, 1853a, 59–60 (includes Fasc. ventr. Pallas, F. fusca Bosc, F. coryphænae hippuridis Tilesius, Dist. coryphænae Rud., D. clavatum Owen).

HIRUDO Linn., 1758a, 644, 649 (type by Linnæan rule, medicinalis).—Several species of this genus have been placed in the trematodes; the genus is now confined to the leeches.—Dies., 1850a, 318 (of Braun, syn. of ?Diplodiscus), 425 (of Abildg., syn. of Nitzschia Baer), 426 (of Mueller, syn. of Phylline Oken), 427 (of Kroyer, syn. of Udonella Johnston), 433 (of Braun, syn. of Astacobdella Vallot), 439 (of Linn., syn. of Ichthiobdella Blainv.), 445 (of Mueller, syn. of Malacobdella Blainv.), 446 (of Mueller, syn. of Clepsine Savigny), 456 (auct., syn. of Nephelis Savigny), 461 (auct., syn. Austost. Moquin-Tandon), 462 (auct., syn. of Hæmopsis Savigny et Moquin-Tandon), 465–471 (of Rai et Linn., syns. of Sanguisuga Savigny; Iatrobdeella Blainv.), 567 (of La Martinière, syn. of Tetrarhynchus Rud.), 583 (of Linné, syn. of Schistocephalus Crep.).

fasciolaris Mueller, 1788b, pl. 54, figs. 1–3 (is included in *Fasc. anatis* Gmelin, 1790a, 3055).—Dies., 1850a, 335 (syn. of *Dist. ovatum* Rud.).

grossa Mueller, 1788, 21–22, pl. 21.—Bruguière, 1791a, pl. 52, figs. 6–8.—Dies., 1850a, 445 (to *Malacobdella*).—Gmelin, 1790a, 3098.

hippoglossi Mueller, 1776a, 220 (t. h. *Hippoglossus*; Denmark); 1788a, 18, pl. 54, figs. 1–4.—Baer, 1827b, 676, pl. 32, figs. 5–6.—Dies., 1850a, 426 (to *Phylline*).—Fabricius, 1780a, 322, pl. 1, fig. 8.—Gmelin, 1790a, 3098.—Leuck., 1842a, 11.—Oken, 1815 (to *Phylline*).

sturonis Abildg., 1794b, 55–56, fig. 1, a–c (in Stören).—Cuvier, —, — (to Trist.).—Dies., 1850a, 426 (syn. of *Nitzschia elegans* Baer).—Gmelin.

tuba Braun, 1805, 49, pl. 5, figs. 5–8 (see Rud., 1809a, 348 = *Amphist. subclavatum*).—Dies., 1850a, 318 (syn. of *Diplodiscus subclavatus* Dies.).

HISTRIOBELLA Ben., 1858i, 2 pls.

HISTRIONELLA Bory de St. Vincent, 1823b, 356; 1825b, 252–253.—Braun, 1893a, 884.—Burm., 1856a, 250.—Dadai, 1888f, 84, 85; 1888g, 107.—Dies., 1850a, 286, 294 (of Bory syn. of *Malleolus Ehrenberg*), 299–300 (of Bory & Ehrenberg, includes Cerc. *Nitzsch*, *Brachionus Schrank*); 1855a, 378 (eyes), 392, 393 (syn. *Brachionus Schrank*); 1858d, 267.—Goldb., 1855, 16.—Moul., 1856a, 121, 124.—Nord., 1840, 617, 631.—Pag., 1857, 5, 24.—Wagener, 1857, 24.

—— Hemprich & Ehrenberg, 1828a, Entozoa, not paged, n. g. cf *Cercozoorum*, type evidently ephemera; includes also alata.

alata Hemprich & Ehrenberg, 1828a (in water at Berlin, Germany).—Dies., 1850a, 300 (sp. inq.); 1855a, 392–393 (*Hab. primitivum ignotum*); 1858d, 268 (free; Berlin).

annulicauda Bory, 1825b, 253.—Dies., 1850a, 299 (syn. of *Histrionella lemna* Ehrenb.).

bilineata (Haldemann, 1840) Dies., 1850a, 300 (in *Limnæus catascopium*; Penn.); 1855a, 393 (in *Limnæus cat.*); 1858d, 269 (in *Limn. cat.*; Penn.).

echinocerca (Fil., 1857) Mont., 1888, 193, 194.—Dadai, 1888f, 85; 1888g, 108.—Dies., 1858d, 267–268 (larva of *Dist. appendiculatum Rud.*) (in *Buccinum linnaei*; Genoa).

elegans (Mueller, 1855) Dies., 1858d, 269 (syn. *Cerc. elegans* Mueller in Valette, 1855) (free).—Dadai, 1888f, 85, 86; 1888g, 108, 109.—Mont., 1888, 193, 194.

ephemera (?Nitzsch, 1807) Hemprich & Ehrenberg, 1828a, pl. 6, fig. 3.—Dies., 1850a, 299 (includes Cerc. V. Baer, 1827, 625, pl. 31) (in *Paludina vivipara*; Regiomontii; *Planorbis corneus*; April, Halle, Berlin); 1855a, 392 (in *Pl. corn.*, *Pal. vivip.*); 1858d, 244 (of Sieb. syn. of *Glenocerc. flava* Dies.), 267 (syn. of *Cerc. ephemera* Wagener) (of Ehrenberg larva of *Dist. trigonocephalum Rud.*) (in *Pl. corn.*, *Pal. vivip.*).—Moul., 1856a, 204 (to *Cerc.*).—Sieb., 1843.

fissa Bory de St. Vincent, 1824, 456; 1825b, 252 [see Lamouroux, 1824a].—Dies., 1850a, 295 (syn. of *Malleolus furcatus*).—Moul., 1856a, 168 (is not syn. of *Cerc. furcata*).

inquieta (Mueller, 1786) [Bory de St. Vincent, 1825b, 253 (*Histrionella inquiete*)].—Dies., 1850a, 300 (sp. inq.) (in *aqua marina*); 1855a, 393 (*Hab. primitivum ignotum*); 1858d, 268–269 (free, *Hafniæ*).—Pag., 1862, 298.

lemna (Mueller, 1773) Hemprich & Ehrenberg, 1828.—Dies., 1850a, 299–300 (includes: *Brachionus proteus* Schrank, *Cerc. major* Nitzsch, *Histr. annulicauda* Bory) (in *Limnæus stagnalis*, *Planorbis carinatus*, *P. corneus*); 1855a, 392 (in *Limn. stag. et Pl. corn.*); 1858d, 268 (in *Pl. carinatus*, *P. corn.*, *Limn. stag.*).

HISTRIONELLA—Continued.

melanoglena Dies., 1855a, 393 (*Melanoglena bipunctata* Eichwald renamed) (Hab. primitivum ignotum); 1858d, 245 (to *Glenocerc.*).

[*pupula* Bory de St. Vincent, 1825b, 252 (*Histrionelle poupée*, *Enchelis pupula* Mull.).]

setosicauda Dadai, 1888f, 84–86, pl. 3, figs. 11, 13; 1888g, 107–109, pl. 3, figs. 11, 13.—Mont., 1888, 77 (*setosicaudata*); 1888, 193, 194 (*setosicaudata*).

setosicaudata Mont., 1888, 77; 1888, 195, 194 (for *setosicauda*).

HISTRIONELLINA Dies., 1858d, 269 (type?).

erythrops (Dies., 1855) Dies., 1858d, 270 (in *Paludina impura*; *Regiomonti*).

fissicauda Dies., 1858d, 269–270 (syn. *Cerc. ocellata* Valette) (in *Lymnæus stagnalis*; Berlin).—Linst., 1878.

melanops (Dies., 1855) Dies., 1858d, 270 (syns. *Cerc. melanops* Dies.) (in *Paludina impura*; *Regiomonti*).

HOLLOSTOMOM Erc., 1881e, 88, for *Holostomum*.

HOLOMETRA Looss, 1899b, 564 (tod. *exigua*); ὄλος, entire; ἡ μήτηρ, uterus.—Braun, 1902b, 5.—Pratt, 1902, 888, 896.—Rail., 1900, 242.

exigua (Mueh., 1898) Looss, 1899b, 564, 678–679, fig. 4 (in *Circus rufus*; Adelen Island, Nile, near Heluan).—Stoss., 1904, 11.

HOLORCHIS Stoss., 1901, 93 (5) (tod. m. *pyncoporus*).

pyncoporus Stoss., 1901, 92–93 (rep. 4–5), pl. 6, fig. 10 (in *Sargus salviani*; Trieste).

HOLOSTOMATIDÆ Gamb., 1896, 63, 67, 73.

HOLOSTOMEÆ Brand., 1888a, 1–68, 72 pp. (family); 1889d, 241–245; 1890a, 590.

HOLOSTOMIDÆ E. Bl., 1847, 317.—R. Bl., 1888a, 541 (embraced in *Distomiens*).—Brand., 1888a, 63; 1890a, 549–604, pls. 39–41; 1891a, 415–416.—Braun, 1883a, 58; 1890a, 515; 1892a, 570, 696, 707, 774, 775; 1893a, 887, 890, 895, 899, 900; 1894l, 165–167; 1894m, 755; 1894k, 680–682 (development); 1895b, 136.—Heider, 1900, 21.—Hoyle, 1890, 539 (*Holost.*, *Hemist.*, *Eustemma*).—Jackson, 1888, 654 (*Holost.*; larval forms *Tetracotyle*, *Diplost.*, *Hemist.*).—Johnston, 1904a, 108–116 (from Australian birds), pls. 5–6; 1904b; 1904c, (VII, 12), 759–760; 1905 (I, 31), 13.—Looss, 1899b, 541, 543.—Mont., 1888a, 91; 1891, 109, 110; 1892, Oct. 7, 214 (f. of *Malacocotylea*).—Mueh., 1898, 18.—Pratt, 1902, 889–890, 908 (includes *Cyathocotylinae*, *Diplostominae*, *Hemistominae*, *Holostominae*).—Rettger, 1897, 224–225.—Schneidmuehl, 1896, 295.—Stiles & Hass., 1898a, 87.—Stoss., 1898, 20.

HOLOSTOMINÆ Mont., 1892, Oct. 7, 214 (subf. of *Holostomidae*).—Braun, 1893a, 890, 895, 903.—Mueh., 1898, 19.—Pratt, 1902, 890 (*Holostomum*).

HOLOSTOMA, see *Holostomum*.

HOLOSTOMUM Nitzsch, 1819, 399–401 (type by inclusion *variabile*=*Planaria strigis*, type of *Strigea*); 1819, 35.—Baillet, 1866b, 99, 106.—Blainv., 1824a, 518 (*holostome*); 1828, 583–584.—E. Bl., 1847, 318.—Brand., 1888a, 8, 9, 10, 12, 13, 14, 17, 49, 50, 63; 1888b, 424–426; 1888, 954; 1889a, 67–68; 1890a, 576, 579, 590 (of *Rud.*).—Braun, 1883a, 40; 1892a, 570, 581, 600, 681, 715, 748, 792, 793, 794, 795, 797; 1893a, 844, 872, 879, 884, 886, 887, 890, 894, 895, 900, 902, 903, 905, 917; 1894, 166; 1895b, 132, 136.—Burm., 1837, 530; 1856a, 250.—Carus, 1863, 479.—Crep., 1839, 286, 287.—Dav., 1877, lxxix.—Dies., 1836, 237; 1850a, 287, 305 (of *Nord.*, syn. of *Diplost.*), 307 (of *Nitzsch pars*, syn. of *Hemist.*), 312–317 (of *Nitzsch* syns.: *Plan.*, *Gœze*, *Festuc.*, *Schrank*, *Fasc.*, *Gmelin*, *Strigea* *Abildg.*, *Amphist.* *Rud.*); 1858e, 312, 319–322.—Duj., 1845a, 364–366.—Dunglison, 1893, 533.—Eichwald, 1829a, 248.—Fischer, 1840, 156.—Fischder., 1902a, 6, 7 =*Strigea*; 1903h, 487 (=Amphist. *capite discreto*), 490 (syn. of *Strigea*), 507.—Gamb., 1896, 73.—Goldb., 1855, 17.—Hoyle, 1890, 539.—Jackson, 1888, 643, 648, 652, 653, 654 (*Tetracotyle*, *Diplost.*; larval forms).—Johnston, 1904, 3 n. Australian sp. from birds.—Lamouroux, 1822a, 194, 297 (syn. of *Amphist.*).—Leuck., 1863, 452, 524.—Looss, 1902m, 438, 439.—Luehe, 1901, 175.—Macleay, 1886, 342.—Mont., 1888, 8, 34, 63, 68, 71, 72, 83, 84, 91, 95, 104; 1891, 101, 105, 109; 1892, Oct. 7, 214 (gen. of *Holostominae*); 1892, 709.—Moul., 1856a, 12, 15.—Nord., 1840, 626, 627–628.—Par., 1887, 329.—Pratt, 1902, 890, 908.—Schneidmuehl, 1896, 295.—Stoss., 1898, 51.—Tasch., 1879, 233.—Villot, 1898, 538; 1878, 19.—Wallenstedt, 1847, 7.—Wolf, 1903, 607.—See *Strigea*.

HOLOSTOMUM—Continued.

- alatum* (Goeze, 1782) Nitzsch, 1819, 399, 400, pl. 4, figs. 1-4 (syns. Plan. al. Rud., Plan. al. Goeze, Dist. vulpina Abildg.).—Baillet, 1866b, 106-107 (syn. Hemist. al.).—Ben., 1858a, 1861a, 179.—Blainv., 1828, 583.—E. Bl., 1847, 318-320, pl. 10, fig. 1.—Brand., 1888a, 10, 12, 38, 39, 60 (to Hemist.).—Cobbold, 1879b, 300.—Crep., 1829b, 66; 1839, 287.—Dav., 1877a, lxxix.—Dies., 1850a, 308 (to Hemist.).—Duj., 1845a, 367, pl. 8, fig. D.—Dunglison, 1893, 533.—Gurlt, 1831a, 375, pl. 8, figs. 39-40.—Macleay, 1886, v. 10, 342.—Mehlis, 1831, 175.—Mont., 1891, 105.—Nord., 1840, 628 (syn. Dist. al. Rud.).—Stoss., 1890, 131.—Verrill, 1870, 173.—Ward, 1895, 341 (in Canis familiaris).
- anatis nigrae* Dies., 1858e, 322, sp. inq. (based on Bellingham, 1844a, 340) (in Anas (Oidemia) nigra).—Brand., 1888a, 68 (syn. of H. crenulatum Cobbold); 1890a, 596.—Braun, 1893a, 903.—See also crenulatum.
- auritum* Duj., 1845a, 370 (t. h. Strix flammea; Rennes).—Brand., 1888a, 12.—Dies., 1850a, 312 (to Hemist.).
- bellinghamii* Cobbold, 1860a, 45, falconum renamed (in Falco nisus, F. rufus).—Brand., 1888a, 68 (in F. nisus, F. rufus); 1890a, 596 (syn. H. falconum Dies.).
- brevicaudatum* Nord., 1832a, 52-53 (t. h. Barbus communis; Berlin); 1840, 618.—Braun, 1892a, 795.—Crep., 1839, 287.—Dies., 1850a, 306 (to Diplost.).—Duj., 1845a, 380.—Gescheidt, 1833a, 430.—Moul., 1856a, 220.—Steenstrup, 1842, 58.
- bulbosum* Brand., 1888a, 67; 1890a, 595 (in Geronticus albicollis, Nauclerus furcatus).—Braun, 1893a, 903.
- bursarium* Nitzsch, in Giebel, 1857, 265 (t. h. Falco peregrinus).
- bursigerum* Brand., 1888a, 65 (in Larus ridibundus; Wien. Mus.); 1890a, 592, pl. 41, figs. 15-18.—Braun, 1892a, 586; 1893a, 903.—Stoss., 1891, 216; 1892, 65; 1898, 22.
- cinctum* Brand., 1888a, 34, 67 (in Ardea sp.; by Natterer); 1890a, 564, 594, pl. 41, figs. 21-22.—Braun, 1893a, 903 (Brazil).
- clavus* Mol., 1858, 128 (t. h. Gadus merlucius; Patavii); 1861, 196-197, pl. 1, figs. 9-11.—Brand., 1888a, 67; 1890a, 595.—Braun, 1893a, 874, 903.—Cobbold, 1879b, 462.—Dies., 1858e, 322 (in G. merl.).
- coniferum* Mehli in Crep., 1846, 138 (t. h. Colymbus cristatus).
- cornu* Nitzsch in Rud., 1819a, 89, 357 (t. h. Ardea cinerea) (to Amphist.).—Brand., 1888a, 66; 1890, 594 (in Ardea sp.).—Braun, 1893a, 879-903; 1894k, 682.—Dies., 1850a, 315 (syn. Amphist. cornu Rud nec Dies.); 1858e, 321 (Amphist. cornu Bellingham) (in Ardea cinerea, A. herodias, A. stellaris).—Duj., 1845a, 374.—Linst., 1877, 187.—Schlotthauber, 1860, 129.—Stoss., 1895, 37; 1897, 9; 1898, 22 (in Ardea cinerea, Rovigno; A. purpurea; Monfalcone).—Wedl, 1857, 253-254, pl. 1, fig. 19.—Westrumb, 1823, 394.—Wolffhugel, 1900, 9, 12.—Reported also for Accipiter nisus, Ardea garzetta, A. purpurea, Ciconia alba.
- cornucopia* Mol., 1859, 287-288 (t. h. Strix flammea; Batavii); 1861, 196, pl. 1, fig. 8.—Brand., 1888a, 68 (in Strix otus); 1890a, 596 (in Otis vulgaris).—Braun, 1892a, 585, 610, 674, 784, 785, 786, 787, 792, 793, 794; 1893a, 903.—Dies., 1859c, 424 (cornucopie).—Jackson, 1888, 652.—Linst., 1877, 188-191, pl. 13, fig. 20, pl. 14, figs. 29-30; 1885, 253-254, pl. 15, fig. 31; 1890f, 186 (cornucopie); 1906, 14 (in Strix flammea).—Piana, 1898, 9.—Also reported for Ægoli otus.
- cornucopie* Dies., 1859c, 424, for cornucopia.
- cornutum* (Rud., 1809) Duj., 1845a, 372-373.—Brand., 1888a, 68 (syn. H. multilobum Cobbold) (in Charadrius pluvialis); 1890a, 596 (of Dies.).—Braun, 1893a, 903.—Dies., 1850a, 316-317.
- corones* Dies., 1858e, 322 (in Corvus corone; Ireland).—Brand., 1888a, 68 (syn. of H. dubium Cobbold); 1890a, 596.—Braun, 1893a, 903.
- crenulatum* Cobbold, 1860a, 47 (in Anas nigra; Ireland).—Brand., 1888a, 68 (syn. H. anatis nigrae Dies.) (in Anas oidemia); 1890a, 596 (in Ecdemia nigra).
- cuticola* Nord., 1832, 43, 49-52, pl. 4, figs. 1-4 (in Cyprinus carpio, C. brama, C. blicca, C. idus, C. rutilus, C. erythrophthalmus), belongs to Cryptostomum; 1840, 618, 628.—Brand., 1888a, 11, 15.—Braun, 1892a, 795.—Crep., 1839, 287; 1846, 154.—Dies., 1850a, 306 (to Diplost.).—Duj., 1845a, 379-380.—Gescheidt, 1833a, 429.—Kroyer, 1838-40a, 21, 578; 1846-53a, 388, 399, 434, 446, 462; 1852-53a, index (cuticula, 1250) (in Perca fluviatilis L., Abramis brama L., A. blicca Bl., Leuciscus erythrophthalmus L., L. rutilus L., L. idus L.).—Moul., 1856a, 217-218, 220 (in Perch, cyprins).—Pavesi, 1881, 615, 616 (in Cobitis tænia).—Steenstrup, 1842, 58.—Villot, 1898, 541.—Waldenbug, 1860, 5, 11.—Also reported for Cyprinus vimba.

HOLOSTOMUM—Continued.

cuticula Kroyer, 1852-53a, 1250, for *cuticola*.

denticulatum (Rud., 1819) Duj., 1845a, 372, pl. 8, fig. a, 1, 2.—Brand., 1888a, 12.—Dies., 1850a, 311 (to Hemist.) (in *Alcedo ispida*; Rhedoni).—Villot, 1878, 19; 1898, 538.

dubium Cobbold, 1860a, 45 (in *Corvus corone*).—Brand., 1888a, 68 (syn. *H. corones* Dies.); 1890a, 596 (in *C. corone*).

ellipticum Brand., 1888a, 67 (in *Bubo magellanicus*; by Natterer); 1890a, 595.—Braun, 1893a, 903.—Linst., 1906, 15.

erraticum (Rud., 1809) Duj., 1845a, 373-374.—Baillet, 1866b, 107.—Brand., 1888a, 59 (of Linst., 1877c) (syn. of Hemist. *pileatum*), 63-64; 1890a, 571, 586, 591, pl. 41, figs. 3-4.—Braun, 1892a, 797; 1893a, 844, 874, 879, 903 (Brazil); 1894, 166.—Dies., 1850a, 313 (syns. *Strigca anatis tadornæ* Viborg, *S. candida* Abildg., *Amphist. anatis tadornæ* Rud., *A. isost. Rud.*, *A. erraticum* Rud., *H. macrocephalum* Crep.); 1858e, 320 (syn. *Amphist. isostomum* Bellingham) (in *Anas boschas fera*, *A. ferina*).—Erc., 1881e, 48-54, 88 (*Hollostomom*); 1882a, 284-290, 324.—Kowal., 1894, 2.—Linst., 1877, 188, pl. 13, figs. 18-19; 1906, 14 (in *Strix otus*, *Falco albicilla*).—Mont., 1888a, 71.—Ols., 1893, 8.—Par., 1899, 4; 1902, 4 (in *Querquedula circia*; Elba).—Piana, 1898, 4.—Also reported for *Alca torda*, *Anas boschas*, *A. crecca*, *A. fusca*, *Ascolopax gallinago*, *Colymbus arcticus*, *C. balticus*, *C. septentrionalis*, *Fuligula cristata*, *F. ferina*, *F. marila*, *Harelda glacialis*, *Limosa melanura*.

eustemma Brand., 1888a, 65-66 (in *Accipiter pileatus*; Brazil); 1890a, 593, pl. 41, fig. 25 (syn. *Eustemma caryophyllum* Dies.).—Braun, 1893a, 903.

excavatum (Rud., 1803) Nitzsch, 1819, 399, figs. 5-7 (in *Ardea nycticorax*).—Ben., 1868, 296, 300, pl. 2, figs. 6-8.—Blainv., 1828, 584.—Brand., 1888a, 12.—Braun, 1893a, 903; 1894k, 682.—Dies., 1850a, 309 (to Hemist.).—Duj., 1845a, 375.—Gamb., 1896, 63.—Leuck., 1879, 14; 1886d, 11.—Looss, 1892, 14.—Nord., 1840, 628.

excisum Linst., 1906, 12-15, pl. 1, figs. 14-16 (in *Ægolius otus*, *Strix flammea*).

exiguum Mehli in Crep., 1846, 145 (t. h. *Cygnus musicus*).—Also reported for *Mergus merganser*, *M. serrator*.

falconum Dies., 1858e, 322, sp. inq. (based on Bellingham, 1844, 39) (in *Falco nisus* et *F. rufus*; Hibernia).—Brand., 1888a, 68 (syn. of *H. bellinghamii* Cobbold); 1890a, 596.—Braun, 1893a, 903.—Linst., 1883, 311.—See also *bellinghamii*.—Also reported for *Astur nisus*, *A. palumbarius*, *Circus rufus*.

gracile (Rud., 1819) Duj., 1845a, 378.—Brand., 1888a, 68 (in *Mergus merganser*); 1890a, 595, pl. 41, fig. 26.—Braun, 1893a, 903.—Crep., 1846, 141, 142, 144, 145.—Dies., 1850a, 315; 1858e, 321 (in *Colymbus glacialis*, *Anas nigra*) (*Amphist. gracile* Bellingham).—Kowal., 1896d, (2) 252 (in *Anas crecca*, *A. boschas* dom.; Dublin); 1904, (8) 23 (in *Mergus merganser*).—Linst., 1877, 188, pl. 13, fig. 17.—Par., 1901, 6.—Also reported for *Anas clangula*, *A. fusca*, *Anser albifrons*.

hillii Johnston, 1904, 110-111, pl. 6, figs. 1-8 (in *Larus novæ hollandiæ* Stephens).

isostomum (Rud., 1814) Duj., 1845a, 377.

lagena Mol., 1858, 127 (t. h. *Strix passerina*; Patavii); 1861, 195.—Brand., 1888a, 68 (in St. pass.); 1890a, 596 (in *Glaucidium passerinum*).—Braun, 1893a, 903.—Dies., 1858e, 320 (in St. pass.).—Linst., 1906, 15 (in Gl. pass.).

longicollis (Rud., 1819) Duj., 1845a, 374-375.—Brand., 1888a, 64-65 (in *Botaurus stellaris*; Wien. Mus.); 1890a, 592, pl. 41, fig. 19.—Braun, 1892a, 586; 1893a, 903.—Crep., 1849, 69.—Dies., 1850a, 316; 1858e, 321 (in *Larus argentatus*) (syn. *Amphist. longicollis* Bellingham).—Leuck., 1863, 481.—Mol., 1859, 818 (in *Larus ridibundus*; Padua).—Mueh., 1898, 19.—Par., 1887, 330-331.—Stoss., 1890, 50; 1891, 216; 1895, 37; 1897, 9; 1901, 91 (3) (in *Botaurus stellaris*; Albona); 1898, 21-22.—Reported also for *Ardea alba*, *A. stellaris*, *Larus cachinnans*, *Xema ridibundum*.

lyratum Schlotthauber, 1860, 129 (in *Ardea cinerea*).

macrocephalum (Rud., 1803) Blainv., 1828, 584.—Baird, 1853, 47.—Brand., 1888a, 68; 1890a, 596.—Braun, 1891d, 424 (in *Aquila chrysaëtos*, *Astur palumbarius*, *Circus aeruginosus*, *C. cyaneus*, *Strix noctua*); 1893b, 185.—Crep., 1839, 288; 1846, 130.—Dies., 1850a, 312, 313 (of Crep. and Duj., syn. of *H. variabile* Nitzsch), 313 (of Crep. pars. syn. of *H. erraticum* Duj.); 1858e, 320 (of Crep., 1849, 1, 64, syn. of *H. variabile* Nitzsch).—Duj., 1845a, 368-369.—Fischder.,

HOLOSTOMUM—Continued.

- 1901, 367; 1902a, 7 (Plan. strigis Goeze, 1782); 1903h, 490 (=strigis, type of *Strigea*, Amphist., Holost.).—Leuck., 1863, 460.—Linst., 1906, 14 (syn. *H. variabile* Nitzsch) (in *Buteo vulgaris*).—Shipley, 1905, v. 6 (1), 7 (type of *Strigea*).—Stoss., 1890, 131; 1890, 50; 1891, 111; 1892, 66; 1896, 126; 1898, 21.—Also reported for *Falco buteo*, *F. nesus*, *F. palumbarius*.
- megalocephalum* Brand., 1888a, 67 (in *Stomias* sp.; by Natterer); 1890a, 595.—Braun, 1893a, 903 (Brazil).
- microstomum* (Rud., 1809) Duj., 1845a, 371.—Brand., 1888a, 68 (in *Corvus caryocatactes*); 1890a, 596 (in *Caryocatactes nucifraga*).—Braun, 1893a, 874, 903.—Dies., 1850a, 314 (in *Corv. caryoc.*; *Gryphae*).
- multilobum* Cobbold, 1860a, 46–47 (in *Charadrius pluvialis*).—Brand., 1888a, 68; 1890a, 596 (syn. of *H. cornutum* Dies.).
- musculicola* Waldenburg, 1860, 12 (in *Cyprinus*, *Perca fluviatilis*).—Brand., 1888a, 15, 52; 1890a, 578.—Villot, 1898, 542.—Reported for *Abramis brama*, *Scardinus erythrophthalmus*.
- musculosum* Johnston, 1904, 112–114, pl. 7, figs. 4–9 (in *Sterna bergii* Licht.).
- nitidum* Leidy, 1856, 45 (t. h. *Rana pipiens*).—Brand., 1888a, 14, 68 (in *R. pip.*); 1890a, 595.—Braun, 1893a, 903.—Dies., 1858e, 321–322 (in *R. pip.*; *Phila.*).—Staff., 1902, 724.
- ochreatum* Nitzsch, in Giebel, 1857, 265 (t. h. *Falco haliaëtus*).
- patagiatum* Crep., 1846, 135 (t. h. *Ardea stellaris*).
- pellucidum* Schlotthauber, 1860, 129 (in *Petromyzon fluviatilis*).
- pileatum* (Rud., 1802) Blainv., 1828, 584.—Duj., 1845a, 377.—Ben., 1858a, 1861a, 179.—Brand., 1888a, 12.—Braun., 1893a, 903.—Crep., 1846, 137.—Dies., 1850a, 314–315.—Reported for *Sterna macrura*.
- platycephalum* (Crep., 1825) Duj., 1845a, 376.—Baird, 1853a, 48.—Brand., 1888a, 63 (syn. of *H. variegatum* Duj.); 1890a, 591.—Braun, 1891d, 424 (in *Larus ridibundus*); 1893a, 876; 1893d, 467; 1894, 166.—Crep., 1839, 287; 1846, 129, 136, 139.—Dies., 1850a, 313.—Mégnin, 1891a, 323 (in *Larus ridibundus*).—Mueh., 1898, 16.—Reported also for *Carbo cormoranus*, *Colymbus cristatus*, *C. rufogularis*, *Falco albicilla*, *Haliaeetus carbo*, *Larus argentatus*, *L. canus*, *L. fuscus*, *Lestris pomarina*.
- podomorphum* Nitzsch, 1819, 399–400, figs. 8–10 (in *Falco haliaëtus*; Europe).—Brand., 1888a, 12; 18—, 62.—Dies., 1850a, 311 (to Hemist.) (in *F. hal.*; Halle).—Duj., 1845a, 370.
- rotundatum* Linst., 1877, 187–188 (in *Lanius collurio*).—Brand., 1888a, 66 (syn. of *H. sphaerula* Duj.) (in *Lanius collurio*); 1890a, 593.
- serpens* Nitzsch, 1819, 400–401 (in *Falco haliaëtus*), figs. 17–22; in Rud., 1819a, 88, 353–354 (t. h. *Falco haliaëtus*) (to Amphist. by Rud., 1819a, 88, 353; returned to Holost. by Duj., 1845a, 371, and Dies., 1850a, 316); 1819, 399, 400–401, pl. 4, figs. 17, 22.—Ben., 1858a, 1861a, 197.—Blainv., 1828a, 584.—Brand., 1888a, 11, 68 (in *F. hal.*); 1890a, 596; 1891b, 265.—Dies., 1850a, 316 (syn. Amphist. ser.).—Braun, 1892a, 586, 746, 751; 1893a, 903.—Giebel, 1857, 265.—Mueh., 1898, 19.—Nord., 1840, 616, 628 (syn. Amphist. ser.).—Linst., 1904, 254.—Looss, 1893b, 810.—Sieb., 1835, 66.
- simplex* Johnston, 1904, 112, pl. 7, figs. 1–3 (in *Ardea novæhollandiæ* Lath.).
- spathaceum* (Rud., 1819) Duj., 1845a, 375–376.—Baird, 1853a, 48.—Brand., 1888a, 12.—Crep., 1846, 139.—Dies., 1850a, 310 (to Hemist.).—Erc., 1881e, 54; 1882a, 290.—Nord., 1840, 628.—Stoss., 1898, 20.
- spathula* Crep., 1829, 50–54 (in *Falco buteo*, *F. nesus*, *F. lagopus*); 1839, 288; 1846, 129 (spelled *spatula* Dies., 1836, 240).—Brand., 1888a, 12.—Dies., 1850a, 309 (to Hemist.).—Duj., 1845a, 369–370.—Mehlis, 1831, 174–176.—Mol., —.—Nord., 1840, 628 (*spatula*).—Stoss., 1898, 20.—Also reported for *Strix brachyotus*.
- spatula* Sieb., 1835, 57.—Dies., 1836, 240, for *spathula*.—Baird, 1853a, 48 (in *Accipiter nesus*).
- spatulatum* (Rud., 1819) Duj., 1845a, 376.—Brand., 1888a, 12.—Cobbold, 1876, 97.—Dies., 1850a, 367 (to Dist.).—Kowal., 1898 (to Echinost.).—Nord., 1840, 628.—Stoss., 1892, 186.
- sphaerocephalum* (Westrumb, 1823) Dies., 1850a, 314 (in *Coracina scutata*; Brazil).—Brand., 1888a, 65 (syns. Amphist. sph., Holost. westrumbii) (in *Aras moschata*); 1890a, 592–593, pl. 41, fig. 20.—Braun, 1893a, 903.—Wolffhugel, 1900, 9, 60.

HOLOSTOMUM—Continued.

- spharula* (Rud., 1803) Duj., 1845a, 371–372.—Blochmann, 1892b, 650 (in *Corvus cornix*).—Brand., 1888a, 66 (syn. *H. rotundatum*) (in *Corvus cornix*, *C. corone*, *Lanius collurio*, *Oriolus cristatus*); 1890a, 593, 594, pl. 41, fig. 7.—Braun, 1893a, 904; 1894k, 681.—Crep., 1846, 132.—Dies., 1850a, 314 (in *Corvus cornix*, *C. corone*, *C. frugilegus*); 1858e, 321 (in *C. glandarius*).—Kowal., 1896d, 252 (2) (in *Corvus cornix* L.; Dublany); 1904, 23 (8) (in *Garrulus glandarius*).—Linst., 1877, 187.—Mol., 1858, 128; 1861, 196.—Mueh., 1898, 19.—Wolffhuegel, 1900, 9, 26, 33, 41.
- squamosum* Villot, 1878, 20–21, pl. 5, figs. 2–3 (in *Strepsilas interpres*).—Brand., 1888a, 18; 1890a, 577.—Linst., 1889.—Mont., 1888a, 23, 71.
- tenuicollis* (Westrumb, 1823) Dies., 1850a, 316 (in *Falco rufus*).—Brand., 1888a, 66 (in *F. rufus*); 1890a, 594, pl. 41, fig. 23.—Braun, 1892a, 586; 1893a, 904.—Also reported for *Circus rufus*.
- unciforme* (Rud., 1819) Brand., 1888a, 66; 1890a, 594 (in *Oriolus cristatus*).—Braun, 1893a, 904.
- urniceps* Schlotthauber, 1860, 129 (in *Falco pygargus*, int.).
- urnigerum* (Rud., 1819) Duj., 1845a, 378–379.—Baird, 1853a, 49 (syn. *Codonoccephalus mutabilis* Dies.).—Brand., 1888a, 13.—Dies., 1836, 241; 1858e, 323 (of Wedl syn. of *Co. mut.*, type Dies.).—Hannover, 1864a, 5.—Moul., 1856a, 219 (in *Rana esculenta*).—Sieb., 1835, 57.—Sons., 1893, 190 (syn. of *Co. mut.* Dies.).—Wedl, 1857, 255.
- vaginatum* Brand., 1888a, 64 (in *Cathartes* sp. by Natterer); 1890a, 591, pl. 41, fig. 24.—Braun, 1893a, 904 (Brazil).
- variabile* Nitzsch, 1819, 400, pl. 4, figs. 11–16 (in owls; Germany), syn. *Amphist. macrocephalum* Rud.; in Giebel, 1857a, 265 (in *Strix aluco*, *Scolopax galinula*).—Baird, 1853a, 47 (=H. macroc. Blainv.).—Brand., 1888a, 5, 32, 63, 68 (in *Strix aluco*); 1890a, 561, 590, 596, pl. 41, fig. 1.—Braun, 1892a, 699; 1893a, 879, 881, 904; 1894k, 682; 1895b, 11.—Crep., 1839, 288.—Dies., 1850a, 312–313 (syns. *Planaria teres* poro simplicis Goeze, *Festuc. strigis* Schrank, *Fasc. strigis* Gmelin, *Strigea* Abildg., *Amphist. macrocephalum* Rud., *H. macrocephalum* Crep.) (in *Strix brachyotus*, *S. bubo*, *S. flammea*, *S. otus*, *S. aluco*, *S. passerina*, *S. tangmalmi*, *Falco tinnunculus*, *F. apivorus*, *F. albicilla*, *F. naevius*, *F. gallicus*, *F. lagopus*, *F. cineraceus*, *F. rufus*, *F. haliaëtus*, *F. buteo*, *F. peregrinus*, *F. pennatus*, *F. cyaneus*, *F. rufipes*, *F. imperialis*); 1858e, 320 (syns. *Amphist. macrocephalum* Bellingham, 1844; *H. macroc.* Crep., 1849) (in *Falco rufus*, *F. peregrinus*, *Ardea cinerea*, *Strix nyctea*, *S. pygmæa*).—Giebel, 1857, 265.—Hoyle, 1890, 539.—Kastenbaum, 1899, 244, fig. 33, 7.—Kowal., 1896d, (2) 252 (in *Buteo vulgaris* Bechst; Dublany); 1904, (8) 23 (in *Otus brachyotus*; Dublany).—Linst., 1877, 187; 1903, 279; 1905, 191; 1906, 14 (syn. of *H. macrocephalum*).—Mol., 1858, 127; 1859, 818 (in *Strix otus*); 1861, 194–195, pl. 1, figs. 6–7.—Mueh., 1898, 16, 19.—Nord., 1840, 626 (syn. of *Amphist. macrocephalum*).—Par., 1887, 329–330; 1899, 4; 1902, 3–4 (in *Aesalon regalis*, *Asio otus*, *Circus cyaneus*; Elba).—Stoss., 1892, 66 (in *Falco peregrinus*; near Trieste); 1895, 37 (in *Circus æruginosus*; *Accipiter nisus* at Trieste; *Syrnium aluco* in Dalmatia); 1896, 126 (in *Cerchneis tinnunculus*; Staranzano); 1898, 21.—Villot, 1898, 542 (adult of *Tetracotyle colubri*).—Walter, 1866, 64 (*A. macrocephalum* Crep.).—Wedl, 1857, 252–253, pl. 1, fig. 18.—Wolffhuegel, 1900, 9, 11 (in *Vultur calvus*), 16, 17, 44.—Reported for *Aegolius brachyotus*, *A. otus*, *Aquila albicilla*, *A. imperialis*, *A. naevia*, *A. pennata*, *Archibuteo vulgaris*, *Ardea cineria*, *Astur nisus*, *Brachyotus palustris*, *B. variabilis*, *Bubo maximus*, *Buteo lagopus*, *Circæus gallicus*, *Circus cineraceus*, *C. cyaneus* v. *hudsonius*, *C. rufus*, *Falco cyaneus*, *Nyctea nivea*, *Otus vulgaris*, *Pica caudata*, *Picus* sp., *Scolopax galinula*.
- variegatum* (Crep., 1825) Duj., 1845a, 376–377.—Brand., 1888a, 7, 63 (syn. *H. platycephalum* Duj.).—Baird, 1853a, 48.—Braun, 1893a, 844, 904; 1894, 166, 167; 1894k, 681.—Crep., 1846, 139.—Dies., 1850a, 315.—Duj., 1845a, 376–377 (in *Larus maximus*).—Mueh., 1898, 16, 19–20, fig. 9.—Villot, 1898, 542 (adult of *Tetracotyle ovata*).—Wolffhuegel, 1900, 9, 62.—Reported for *Alca torda*, *Anas boschas*, *Carbo cormoranus*, *Colymbus rufogularis*, *C. septentrionalis*, *Falco albicilla*, *Fuligula nyroca*, *Harelda glacialis*, *Larus argentatus*, *L. marinus*, *L. ridibundus*, *Podiceps cristatus*, *Uria troile*, *Xema ridibundum*).
- westrumbii* Cobbold, 1860a, 45 (*Amphist. sphærocephalum* Westrumb, renamed) (in *Coracina scutata*; Brazil).

- HOMALOGASTER** Poir., 1883, 74-76, 79 (m. paloniæ) (ὄμαλός=flat; γαστήρ=stomach); 1885, 120.—Braun, 1892a, 568, 581, 645, 663; 1893a, 879, 886, 890, 892, 895, 904, 906, 918.—Fischder., 1901, 374; 1902a, 7, 46, 47; 1903h, 489 (in Palonia frontalis); 1903h & i, 630-631 (diagnosis, type paloniæ).—Gamb., 1896, 73.—Hoyle, 1890, 539.—Looss, 1895, 11; 1896b, 17; 1899b, 541; 1902m, 440.—Mont., 1888, 7, 12, 14, 35, 91, 103; 1892, Oct. 7, 214 (gen. of Amphistominae).—Piana & Stazzi, 1900, 523.—Pratt, 1902, 887, 892.—Shipley, 1905, v. 6 (1), 8.—Sons., 1895, 184, 186; 1896, 310.—Stiles, 1898a, 24.
- paloniæ* Poir., 1883, 74-76, pl. 2, figs. 1 a-b (t. h. Palonia frontalis; Java).—Braun, 1893a, 874, 907; 1893d, 466.—Fischder., 1901, 374; 1902a, (7) 47 (in Palonia frontalis; Java); 1903h, 630 (Dickdarm, Palonia frontalis; Java).—Giard & Billet, 1892a, 615.—Linst., 1889a, 21.—Sons., 1895, 184.—Stiles, 1898a, 24, 37, 72, 139, fig. 67.
- poivieri* Giard & Billet, 1892a, 615 (in cattle; Tonkin).—Fischder., 1901, 374; 1902a, 47-48 (in Bos taurus; Tonkin); 1903h, 630-631 (in Tonkin cattle).—Rail., 1893, 379.—Sons., 1895, 185.—Stiles, 1898a, 24, 67, 140.—Ward, 1895, 332 (in Bos taurus).
- HOMALOMETRON** Staff., 1904, May 3, 487 (m. pallidum); 'ουαλός, regular; μέτρον, mass.
- pallidum* Staff., 1904, May 3, 487 (t. h. Fundulus heterochitus L.; Woods Hole) (based on Lint., 1901, 422, pl. 32, fig. 354).
- HOPLODERMA** Cohn, 1903, 35-37 (m. mesocœlium).—Poche, 1907, 125 (Cohn not Michael, renamed Pintneria).
- mesocœlium* Cohn, 1903, 35-37, figs. 1-2 (in Draco volans; Eastern Java).
- (**HORMOCERCARIA**) Dies., 1855a, 390, 394 (subg. of Cerc.) (type species echinata, or echinatoides) (corpus infra os collari echinis percursu cinctum).—Renamed (Nephrocephala), 1858.
- echinata* (Sieb., 1837) Dies., 1855a, 390-391; 1858d, 261. [See Dist. echinatum, type of Echinost.]
- echinatoides* (Fil., 1854) Dies., 1855a, 391-392; 1858d, 262. [Apparently type by elimination.] See, however, below, p. 385, Addenda.
- HYDRICUCULUS** McCrady, 1874a, 178 (m. cuculus, see sub Bucephalus) generic name abandoned by McCrady at date of publication.
- HYPOSTOMA** (Rud., 1809a, 36-37, 325-327) (nec Hypostomus Lac., 1803, fish) (type species probably caryophyllinum by Blainv., 1828a, 581); ὕπο, below; στόμα, mouth; originally a subg. of Monost.; see also (Hypost.).—Blainv., 1824a, 518 (hypostome, "C'est un genre bien douteux, peut-être un degré de développement"); 1828a, 581.—Crep., 1839, 285.—Looss, 1902m, 830.—Nord., 1840, 623.—Olfers, 1816, 48.
- caryophyllinus* (Rud., 1802) Blainv., 1828, 581.—Dies., 1850a, 328 (to Monost.).—Duj., 1845a, 360 (to Monost.).—Nord., 1840, 623 (to Monost.).
- (**HYPOSTOMA**) Rud., 1809a, 36-37, 325-327, subg. of Monost. See Hypostoma.
- caryophyllinum* (Rud., 1802) Rud., 1809a, 325-326 (to Hypost. by Blainv., 1828, 581; returned to Monost. by Duj., 1845a, 360).
- cochleariforme* Rud., 1809a, 326-327 (=Festuc. cyprinacea Schrank, 1790, renamed) (in Cyprinus barbus).
- gracile* Rud., 1809a, 326 (t. h. Salmo eperlanus).
- HYPOSTOMATA** Rud., 1809a, 325, plural of Hypostoma.
- ICHTHYDIUM** Hemprich & Ehrenberg, 1828a (m. Cerc. podura Mueller; Nubia; Berlin), n. g. Ichthydinorum.
- ITYOGONIMUS** Luehe, 1899k, 538 (tod. ocreata Zed. = lorum Duj.; ἵτρος, margin, because of marginal position of genital pore); 1900, 557; 1901, 488.—Braun, 1900h, 6, 13; 1901i, 56; 1901, 897; 1902b, 129, 134.—Looss, 1900, 607; 1901, 206; 1902m, 755 (=Cucullanus Schrank), 839.—Pratt, 1902, 889, 907.
- ocreatus* (Gœze, 1782) Braun, 1902b, 135.—[Luehe, 1899, 538 (=Dist. lorum Duj.).]
- KLEPSITROMIS** Hammerschmidt in Leuck., 1835a, 88 (m. melolonthæ) "das aber viele Aehnlichkeit mit Distoma zu haben scheint."
- melolonthæ* Hammerschmidt in Leuck., 1835a, 88, a drawing in Vienna.

- KÖLLIKERIA Cobbold, 1860a, 31 (m. filicolle) (not Agassiz, 1862; not Mingazzini, 1891, protozoon).—Braun, 1893a, 885, 886 (Köllikeria). 894, 895, 908, 909, 911, 918; 1895b, 127, 136.—Gamb., 1896, 73.—Lint., 1901, 447.—Looss, 1899b, 536, 542, 543; 1901, 196.—Moniez, 1896, 83.—Mont., 1888, 92, 105; 1893, 149, 153, 154.—Pratt, 1902, 889, 908.—Schneidemuell, 1896, 295.—Stiles & Hass., 1898a, 91, 98 (type Monost. filicolle Rud.).—Stoss., 1892, 4.—Tasch., 1879, 608.
- 1893: Köllikeria Braun, 1893a, 886, for Köllikeria.
- filicollis* (Rud., 1819) Cobbold, 1860a, 31; 1879b, 462.—Ariola, 1906, 186, to (Dist.) (in Brama raji).—Braun, 1893a, 912.—Sons., 1890, 143 (in Brama raji).
- okeni* Ariola, 1906, 186 (syn. Dist. okeni Koell.), for okenii.
- [staurocephali Mingazzini, 1891, protozoon.]
- (KÖLLIKERIA) as subg. of Distoma. See also as genus.
- dicorynum* (Dies., 1850) Stoss., 1886, 47, as doubtful member of subg. (in Lampris guttatus).
- filicolle* (Rud., 1819) Stoss., 1886, 58.
- LATIUSCULA Goeze, 1782a, 41, 169–173 (a “Klasse” of Plan. Goeze, containing: F. hepatica, Fledermausplattwurm, F. lucii, F. scorpii, F. luciopercae, F. percae cernuae, F. serrulata, F. farionis, F. salmonis, F. varica, F. platessae, F. blennii).
- LECANE Nitzsch, 1827, 69 (contains Cerc. orbis, C. luna).
- LECHRIORCHIS Staff., 1905, Apr. 11, 691 (m. primus) λέχριοις, oblique; ὄρχις, testicle) (resembles Saphedera, Plagiorchis and Haplometra).
- primus* Staff., 1905, Apr. 11, 691 (t. h. Eutenia sirtalis L.; Canada) (includes Dist. sp. of Staff., 1902, 482).
- LECITHASTER Luehe, 1901n, 395, 396 (tod. bothryophorus Olss. of Looss), 479–480.—Odh., 1905, 357, 358, 359, 360, 366 (type confusus Odhn. by Odhn.).—Pratt, 1902, 889, 906.—Staff., 1904, 484.
- bothryophorus* (Olss., 1868 of Looss) Luehe, 1901n, 396, 480.—Odh., 1905, 357 (bothryophorus).—Staff., 1904, May 3, 484 (syn. Apoblema mollissimum Levin.) (in Salmo salar L., Clupea harengus L.).
- botryophorus* Odhn., 1905, 357, for bothryophorus, renamed confusus, 1905.
- confusus* Odhn., 1905, 357, 358, 359 (made type of genus by Odhn.) (syns. L. bothryophorus of Luehe, Dist. mollissimum Levin. of Stoss., Apoblema mol. Levin.), in intestine of Alosa finta of Mediterranean, and Clupea harengus of North Sea.
- gibbosus* (Rud., 1802) Luehe, 1901n, 480, in intest. of Belone acus, in Greifswald.—Odh., 1905, 356–359 (syns. Fasc. gib. Rud., 1802, 81, pl. 2, fig. 7; Dist. gib. Rud., 1809a, 404, pl. 6, fig. 8; D. bergense Olss., 1868, 43, pl. 5, fig. 93; D. mollissimum Levin., 1881, 59, pl. 2, fig. 4; Lecithaster gib. Luehe, 1901, 480; [not Dist. botryophorus Olss., 1868, 42, pl. 5, fig. 92; not D. mollissimum Levin., of Stoss., 1889, 1–2; not Apoblema mollissimum (Levin.) Looss, 1896, 121, pl. 9, figs. 85–87]).—Nicoll, 1907, 72, 89–90 (syn. L. mollissimus) (in Ammodytes tobianus).
- mollissimus* (Levin., 1881) Nicoll, 1907, 89 (syn. of L. gibbosus).
- LECITHASTERINÆ Odhn., 1905, 360, 364 (includes Lecithaster and Lecithophylum).
- LECITHOBOTRYS Looss, 1902h, 134, 135 (tod. putrescens).
- putrescens* Looss, 1902h, 135, 143, fig. 14 (in Mugil auratus).
- LECITHOCHIRINÆ Luehe, 1901n, 481 (includes Lecithochirium, Derogenes, and Lecithaster).
- LECITHOCHIRINÆ Nicoll, 1907, 89, for Lecithochiriinae.
- LECITHOCHIRIUM Luehe, 1901n, 395, 396 (tod. rufoviride), 397, 401, 473–478, 479, 480, 484.—Odh., 1905, 360, 362, 364; 1906, 59–66 (syn. Synaptobothrium).—Pratt, 1902, 889, 906.
- caudiporum* (Rud., 1819) Luehe, 1901n, 477–478.
- conviva* Luehe, 1901n, 474, 476 (in Conger conger; Coll. Berlin).
- copulans* (Linst., 1904) Odhn., 1906, 59–66 (syn. Synaptobothrium copulans Linst.).
- digitatum* (Looss, 1899) Luehe, 1901n, 396, 401, 474, 475, 478.

LECITHOCHIRIUM—Continued.

fusiforme Luehe, 1901n, 476, 480, 485, fig. 3 (in *Conger conger*; Coll. Berlin).—Odh., 1905, 349.

grandiporum (Rud., 1819) Luehe, 1901n, 474, 477.

physicon Luehe, 1901n, 478 (in *Lophius piscatorius*; Triest).

rufoviride (Rud., 1819) Luehe, 1901n, 396, 474–475, 476, 477, 478.—Nicoll, 1907, 72 (in *Anguilla vulgaris*).—Odh., 1905, 350, 355; 1906, 63.

LECITHOCLADIUM Luehe, 1901n, 395 (tod. *excisum*), 401–403, 474, 481, 485.—Cohn, 1902k, 47–68, 1 pl., 9 figs.—Nicoll, 1907, 84.—Odh., 1905, 355, 356 (type *excisum*).—Pratt, 1902, 889, 906.

barbatum Cohn, 1902k, 47–54, 55, pl. 3, figs. 1–7 (in *Coryphæna*).

excisiforme Cohn, 1902k, 54–55, pl. 3, fig. 8 (in *Scomber scomber*).

excisum (Rud., 1819) Luehe, 1901n, 395, 398, 402, 403, 485, fig. 1.—Cohn, 1902k, 48, 54.—Odh., 1905, 350.

tornatum (Rud., 1819) Luehe, 1901n, 403, 485, fig. 2.—Cohn, 1902k, 47, 48.

LECITHODENDRIINÆ Looss, 1902m, 815.

LECITHODENDRIINÆ Luehe, 1901, 173.—Stoss., 1904, 198.

LECITHODENDRIUM Looss, 1896b, 86 (includes: *Dist. glandulosum*, *D. hirsutum*, *D. chefrenianum*, *D. pyramidum*, *D. obtusum*, *D. sphærule*, *D. ascidia* Rud., *D. ascidia* Ben. (= *lagna* Brand.), *D. ascidioides*, *D. heteroporum* (probably); 1898, 453; 1899b, 547, 548, 551, 609–610, type *ascidia* Ben. = *lagna* Brand., 611, 612, 613, 617, 618, 619, 621, 622, 625, 636, 718; 1901, 194, 199, 200; 1902m, 768–775, 813, 814, 815, 816, 818, 820, 821, 822, 823, 824, 827, 831, 832, 835.—Braun, 1900f, in 387–391; 1901, 948; 1902b, 150.—Jägers., 1900, 740.—Odh., 1900, 12.—Luehe, 1899, 535, 536, 537.—Pratt, 1902, 889, 904.—Staff., 1903, 827, 828; 1905, Apr. 11, 684.—Stiles, 1901, 183, 185, 196, 197, 200, 201, 202, 203.—Stoss., 1899, 7, 8.—Ward, 1901, 176.

anticum Staff., 1905, Apr. 11, 693 (t. h. *Vespertilio subtilis* Say; Canada) (*anticus*, foremost in ref. to ovary in front of acetabulum).

ascidia (Ben., 1873 [not Rud., 1819]) Looss, 1899b, 609, or Stoss., 1899, 8.—Braun, 1900, 224–225; 1900, 388.—Heymann, 1905, 85.—Kowal., 1902d, 26 (8).—Looss, 1907, Mar. 5, 484 (of Looss, 1899b, 715, syn. of *L. granulosum*).—Staff., 1905, Apr. 11, 692.

ascidioides (Ben., 1873) Looss, 1899b, 609, or Stoss., 1899, 8 (intestino di diversi chiroterri; Belgium, France).—Braun, 1900, 388.—Staff., 1903, 828.

chefrenianum (Looss, 1896) Looss, 1899b, 716, or Stoss., 1899, 8 (in *Rhinopoma microphyllum*; Egypt).—Braun, 1900, 225.—Staff., 1905, Apr. 11, 692 (syn. of *L. glandulosum*).

chilostomum (Mehlis, 1831) Braun, 1900, 220–223, 224, 225, 228, 230.—Staff., 1903, 828; 1905, Apr. 11, 692 (Mehlis of Staff. with *Dist. ascidioides* Ben., of Staff., 1903, 827, renamed *L. posticum*).—Stoss., 1904, 1.

claviforme (Brand., 1888) Stoss., 1899, 9 (in *Tringa alpina*; Halle).

cordiforme Braun, 1900f (23. Juli), 389 (in *Molossus* sp.; Brazil), 390, or 1900b, 225–227, 228, 233, pl. 10, figs. 4, 11 (in *Molossus* sp.).

crassicolle (Rud., 1809) Stoss., 1899, 9 (in *Anguis fragilis*; Triest, Hameln; Salamandra atra, *S. maculosa*, *Salamandrina perspicillata*; Toscana).—Looss, 1902m, 822, 823.—Luehe, 1900, 562–563; 1901, 173.

glandulosum (Looss, 1896) Looss, 1899b, 609, 716–717, or Stoss., 1899, 8 (in *Taphosus nudiventris*; Egypt).—Braun, 1900, 388; 1900, 225, 226.—Staff., 1905, Apr. 11, 692 (syn. *L. chefrenianum*).

granulosum Looss, 1907, Mar. 7, 483–484, fig. 4a–b (in *Vesperugo kuhli*; Cairo, Egypt) (syn. *L. ascidia* of Looss, 1899b, 715).

heteroporum (Duj., 1845a) Stoss., 1899, 9 (in *Vesperugo pipistrellus*; Hameln, Rennes).

hirsutum (Looss, 1896) Looss, 1899b, 609, 625, 716, 717, or Stoss., 1899, 9 (intestino del camaleonte; Alessandria).—Braun, 1900, 225; 1900, 388.—Staff., 1905, Apr. 11, 692.

lagna (Brand., 1888) Looss, 1899b, 609, 625, 636, 715–716, 718 (i. e., *ascidia* Ben.) (type of *Lecithodendrium*).—Braun, 1900, 225.

macrolaimus (Linst., 1893) Stoss., 1899, 9 (in *Vesperugo pipistrellus*; Germany).

LECITHODENDRIUM—Continued.

- nigrovenosum* (Bellingham, 1844) Luehe, 1899, 535.—Rizzo, 1902, 28 (in *Tropidonotus natrix*).
- obtusum* (Looss, 1896) Looss, 1899b, 609, or Stoss., 1899, 8 (intestino del camaleonte; Alessandria).—Staff., 1905, Apr. 11, 692.
- oviforme* (Poir., 1886) Stoss., 1899, 8 (in *Nycticebus javanicus*).—Staff., 1905, Apr. 11, 692.
- posticum* Staff., 1905, Apr. 11, 692–693 (t. h. *Vespertilio subtilis* Say; Canada) (*posticus*=hinder) (syn. *L. chilostomum* Mehlis of Staff., 1903, 827) (= *Distascidioides* Ben. of Staff.).
- pyramidum* (Looss, 1896) Looss, 1899b, 609, or Stoss., 1899, 8 (in *Rhinolophus hipposcrepis*; Egypt).—Braun, 1900, 225; 1900, 388.
- rubellum* (Olss., 1868) Stoss., 1899, 9 (in *Labrus maculatus*).
- somaterix* (Levin., 1881) Stoss., 1899, 8 (in *Somateria mollissima*; Greenland).—Jameson, 1902, 151–161 (*Lecithodendrium*).—Nicoll, 1906, 149 (*Leucithodendrium*).—Odhn., 1905, 311 (to *Gymnophallus*).
- sphaerula* (Looss, 1896) Looss, 1899b, 609, 610, 621, or Stoss., 1899, 8 (in *Rhinolophus hipposcrepis*; Egypt).—Braun, 1900, 225, 227; 1900, 388, 390.—Ward, 1901, 180.
- urna* Looss, 1907, Mar. 5, 485–486, figs. 5a–b (in *Vesperugo kuhli*; Cairo, Egypt).
- LECITHODENDRIUM Pratt, 1902, 903 (misprint for *Lecithodendrium*).
- LECITHODESMUS Braun, 1902, 803 (m. *goliath*).—Odhn., 1905, 339, 344, 346, 347, 348.
- goliath* (Ben., 1858) Odhn., 1905, 342, 343, 344–346, 348, pl. 3, figs. 7–9, in *Balaenoptera rostrata*, *B. borealis*.
- LECITHOPHYLLUM Odhn., 1905, 359–360 (tod. *botryophorum*).
- botryophorum* (Olss., 1868) Odhn., 1905, 359 (in *Argentina silus*).
- LECITHORCHIUM Lander, 1904a, 7, for *Lecithochirium*.
- LEIODERMA Staff., 1904, May 3, 486 (m. *furcigerum*) (not *Leioderma* Will.-Suhm, 1873, worm) (*λεῖος*, smooth; *δέρμα*, skin); 1905, 310.
- furcigerum* (Olss., 1868) Staff., 1904, 486 (in *Pseudopleuronectes americanus*, *Platysomatichthys hippoglossoides*, *Hippoglossoides platessoides*, *Cryptacanthodes maculatus*).
- LEPIDAPEDON Staff., 1904, May 3, 485 (m. *rachion*, from intest. of *Melanogrammus aeglefinus*; Canada) (*λεπίς*, scale; *δάπεδον*, pavement). See *Lepodora*.
- rachion* (Cobbold, 1858) Staff., 1904, 485.
- LEPIDOPHYLLINÆ Stoss., 1904, 198.
- LEPIDOPHYLLUM Odhn., 1902, 68–69 (m. *steenstrupi*).—Pratt, 1902, 889, 902.
- steenstrupi* Odhn., 1902, 68–69, fig. 3 (in *Anarrhichas minor* s. *pantherinus*; Coll. Copenhagen); 1905, 310 (in *A. lupus*, *Zoarces anguillaris*).—Staff., 1904, May 3, 487 (in urinary bladder, *Anarrhichas lupus* L.; Canada, *Zoarces anguillaris* Peck; Canada).
- LEPOCREADIINÆ Odhn., 1905, 328, 337.
- LEPOCREADIUM Stoss., 1904, 200–201 (tod. *album*).—Odhn., 1905, 328, 336, 337–338.
- album* (Stoss., 1890) Stoss., 1904, 200 (in *Cantharus orbicularis*; *Oblata melanura*).—Odhn., 1905, 336, 338.
- pegorchis* (Stoss., 1901) Stoss., 1904, 200.—Odhn., 1905, 338.
- LEPODERMA Looss, 1899b, Dec., 589–590, 592, 594, 595, 598, 599, 601 (tod. *ramlianum*) (orig. species: *ramlianum*, *cirratum*, *mentulum*, *lima* probably) (*τὸ λέπος*, scale; *τὸ δέρμα*, skin); 1900, 558; 1900, 604, 607; 1907, Mar. 5, 483.—Braun, 1901i, 56, 58; 1901, 563; 1902b, 37 (syn. of *Plagiorchis* Luehe, 1899, 531).—Luehe, 1901, 487.—Stiles, 1901, 189.—Stoss., 1904, 2.
- cirratum* (Rud., 1802 [*cirrhatum*]) Looss, 1899b, 590.—Braun, 1902b, 43 (to *Plagiorchis*).
- mentulatum* (Rud., 1819) Looss, 1899b, 590.
- ramlianum* (Looss, 1896) Looss, 1899b, 589.
- LEPODERMATINÆ Looss, 1899b, 588, 591, 594; 1901b, 207; 1902m, 839, 841.—Luehe, 1900, 561; 1901, 173.—Odhn., 1902, 40.

- LEPODORA Odn., 1905, 332-337, 338 (m. rachiaea=rachion Cobbold).—See Lepidapedon.
- rachiaea* Odn., 1905, 328, 332-338, fig. 3, pl. 2, figs. 12-15 (syns.: Dist. rachion Cobbold, D. increscens Olss., pars) (in Gymnocanthus ventralis on west coast of Spitzbergen; Gadus aeglefinus, G. morrhua, on west coast of Sweden; Merluccius vulgaris).—Nicoll, 1907, 71, 77-80, pl. 1, figs. 3-4 (in Gadus aeglefinus).
- LEPTALEA Looss, 1899b, 627-628 (tod. exilis) (not Leptalea Klug, 1839, hymenopt.) (renamed Emoleptalea Looss, 1900, 602) (*λεπταλέος*, thin, weak); 1900, 602.—Braun, 1902b, 69.—Stiles, 1901, 189.
- exilis* Looss, 1899b, 628, 719-720, figs. 37-38 (in Bagrus bayad; Cairo.)
- LEPTOCOTYLE Mont., 1905, 70 (subg. of Pseudocotyle) tod. Pseudocotyle minor Mont.
- LEPTOPHYLLUM Cohn, 1902h, 880 (m. stenocotyle).
- stenocotyle* Cohn, 1902h, 880-882, fig. 4 (in Herpetodryas fuscus; South America); 1903, 37.
- LEPTOSOMA Staff., 1904, May 3, 484 (m. obscurum from Lophius piscatorius; Caradada); *λεπρός*=slender; *σῶμα*, body) (not Leptosoma Leach, 1819, coleopteron; Risso, 1826, crustacean; Nardo, 1827, fish; Boisd., 1833, lepidopteron).
- obscurum* Staff., 1904, May 3, 484 (obscurus=unknown) (t. h. Lophius piscatorius; Canada).
- LEUCERUTHRUS Marshall & Gilbert, 1905, 477, 481-483, 484 (m. micropteri).
- micropteri* Marshall & Gilbert, 1905, 481-483, figs. 8-14 (in Micropterus salmoides, M. dolomieu; near Madison, Wis.).
- LEUCITHODENDRIUM Shipley & Hornell (see under L. somateriæ), 1904, 77, for Lecithodendrium.
- somateriæ* (Levin., 1881) Shipley & Hornell, 1904, 77.
- LEUCOCHLORIDIA Cobbold, 1876h, 211, plural of Leucochloridium.
- LEUCOCHLORIDIUM Carus, 1835a, 86-100 (m. paradoxum).—Ben., 1858a, 1861a, 219.—Braun, 1883a, 56; 1891c, 215; 1892a, 769, 771, 775, 801, 814; 1893a, 855, 884.—Burm., 1856a, 250.—Crep., 1839, 301.—Dies., 1850a, 287, 303 (syn. Vermis dubius helices putris Rud.); 1855a, 397; 1858d, 276.—Duj., 1845a, 479.—Fil., 1855b, 25.—Goldb., 1855, 16.—Jackson, 1888, 651 (=Dist. macrostomum; in Succinea amphibia), 652.—Leuck., 1879, 99; 1886d, 75.—Looss, 1892, 128; 1894a, 245, 252.—Mont., 1888, 92, 94.—Moul., 1856a, 65, 87.—Pag., 1857, 6, 7, 9, 53.—Spengel, 1905, 258.—Stiles, 1901, 176.—Stiles & Hass., 1898a, 91, 95 (syn. of Urogonimus Mont.).—Tennent, 1906, 647, 650.—Vogt, 1878, 39.—Zeller, (1874), 564-578, pl. 48.
- 1893: Urogonimus.
- macrostomum* (Rud., 1803) Poche, 1907, 125.
- paradoxum* Carus, (1833a); 1835a, 86-100c (in Succinea amphibia, Helix putris; Saxony), pl. 7, figs. 1 —; —, 36.—[Ahrens, 1810, 292, pl. 9, figs. 12-19; 1818, 1467].—Bavay, 1902a, 200.—Braun, 1891c, 219; 1892a, 769, 772, 773, 806, 808; 1893a, 830, 855, 863; 1895b, 134.—Cobbold, 1879b, 436.—Crep., 1837, 325; —, 302.—Creutzberg, 1890a, 11.—Dies., 1850a, 303 (syn. Vermis dubius helices putris Rud.); 1855a, 397 (in Succ. amph.); 1858d, 276-277 (syn. Cerc. exfoliata Moul.) (in Succ. amph.).—Duj., 1845a, 479.—Erc., 1881e, 55; 1882a, 291.—Gamb., 1896a, 65.—Heckert, 1887a, 456-461; 1887b, 603; 1888a, 49-50; 1889a, 66 pp., 4 pls.; 1889b, 357-362; 1890a, 42-43; 1891a, 189.—Hoyle, 1890, 540 (larva of Dist. macrostomum), fig. 4 C-D.—Leuck., 1863a, 521; 1879a, 95; 1886d, 72.—Looss, 1892, 120; 1894a, 236, 262; 1896, 140.—Mont., 1888, 76; 1892, Oct. 7, 187.—Moul., 1856a, 56, 65, 75, 87-90, 180 (Cerc. exfoliata), 181, pl. 5, bis, fig. 8; pl. 6, figs. 13, 14 (in Succ. amph.); Helix, Limax).—Nord., 1840, 548, 592, 631.—Piper, 1851, 313.—Poche, 1907, 125.—Rud., 1819a, 198, 568.—Schultze, (1871), 129.—Sieb., 1835, 77; 1835, 334; 1836, 49; 1853, 425-437, pl. 16 B; 1854, 14.—Steenstrup, 1842, 56; 1842, 103.—Stiles & Hass., 1898a, 95.—Tschudi, 1837, 75.—Vogt, 1852, 183, 191, fig. 66.—Wagener, 1857, 22, 23, pl. 33, figs. 1, 2-4.—Will.-Suhm, 1870, 4.—Zeller, 1874, 366-370; 1874, 20, Oct., 564-578, pl. 48; 1875, Feb., 162-164.
- vogtianum* Baudon, 1881, 145-147, pl. 5, fig. 5 (in Succinea baudoni Drouët).
- LEUKOCHLORIDIUM Sieb., 1853, 425, for Leucochloridium.
- LEVCITHODENDRIUM Jameson, 1902, 151, misprint for Lecithodendrium.
- somateriæ* (Levin., 1881) Jameson, 1902, 151-161, pls. 15-16.—Odn., 1905, 311 (to Gymnophallus).

- LEVINSENIA Stoss., 1899, 7, 9-10 (tld. brachysomum by Looss, 1899b, 622, and Luehe, 1899, 538) (not Levinsenia Mesnil, 1897, vermes).—Braun, 1900h, 6; 1900, 234.—Jägers., 1901, 982.—Looss, 1899b, 617, 620; 1902m, 703, 704, 705, 706.—Luehe, 1899, 538; 1900, 508; 1901, 488.—Odhm., 1900, 13; 1905, 314, 317.—Stiles & Hass., 1902d, 19-20 (renamed Levinseniella, type brachysoma); 1905, July, 54.—Ward, 1901, May, 175, 176 (Levinseniella Stiles), 181.
- brachysomum* (Crep., 1846) Stoss., 1899, 10.—Jägers., 1900, 736, 739 (brachysoma); 1901, 982.—Looss, 1899b, 620; 1902m, 704.—Ward, 1901, 175.
- macrophallos* (Linst., 1875) Stoss., 1899, 10 (in *Actites hypoleucos*, *Totanus fuscus*; Germany).—Looss, 1899b, 620.—Ward, 1901, 175.
- opacum* (Ward, 1894) Stoss., 1899, 9 (in *Amia calva*, *Cambarus propinquus*; Lake St. Clair; *Ictalurus punctatus*, *Perca flavescens*).—Looss, 1899b, 620.—Ward, 1901, 175 (type of *Microphallus*).
- pygmæum* (Levin., 1881) Stoss., 1899, 9, 10 (in *Somateria mollissima*; Greenland).—Jägers., 1900c, 732-740, figs. 1-3 (pygmæa); 1901b, 982 (type of *Spelotrema*).—Looss, 1899b, 620; 1902m, 705, 706, 784.—Nicoll, 1906, 522, 524 (pygmæa).—Odhm., 1900, 19, 20; 1905, 314 (to *Spelotrema*).—Ward, 1901, 175, 176.
- pygmæa similis* Jägers., 1900c, 737, figs. 1-3.—Luehe, 1900, 508.—Nicoll, 1906, 522.
- similis* (Jägers., 1900) Nicoll, 1906, 514, 519, 522-525, pl. 13, fig. 8 (syn. *Spelotrema simile* Jägers.) (in *Hæmatopus ostralegus*, *Larus argentatus*).
- LEVINSENIELLA Stiles & Hass., in Ward, 1901, May, 176, 181, 182, 183, 184 (tod. *D. brachysomum*) (Levinsonia Stoss., 1899, not Mesnil, 1897, renamed); Stiles & Hass., 1902d, 19-20; 1905c, 54.—Jägers., 1901, 982; 1903a, 14, 15.—Looss, 1902m, 703, 704, 705, 706, 828, 830, 839.—Odhm., 1905, 314, 317, 318.—Pratt, 1902, 889, 902, 903.—Staff., 1905, Apr. 11, 684.
- brachysoma* (Crep., 1846) Stiles & Hass., 1902d, 20 (type).—Looss, 1902m, 705, 830, 831.
- pygmæa* (Levin., 1881) Staff., 1903, 824.—Type of *Spelotrema* 1901.
- LINGUATULA Frølich, 1789a, 148 (m. serrata) [an arachnoid, formerly placed among the trematodes].
- caviæ* (Bosc, 1811) Blainv., 1828a, 532.
- crotali* (Humboldt, 1808) Blainv., 1828a, 532.
- denticulata* Rud., 1805.—Dies., 1850a, 616 (to Pentast.).
- integerrima* Frølich, 1791a, 104-105, host unknown.—Dies., 1850a, 412 (to Polyst.).—Rud., —, 93, pl. 2, figs. 9a-f.—Type of Polyst.
- lanceolata* (Chabert, 1787a) Blainv., 1828a, 532.—Dies., 1850a, 610 (syn. of Pentast. *tænioides* Rud.).
- pinguicola* (Treutler, 1793) Nordmann, 1840, 594.—Dies., 1850a, 410 (to Hexathyridium).
- serrata* Frølich, 1789a, 148-150, pl. 4, figs. 14-15 (in hares).—Braun, 1903, 3. ed., 338 (larva of *L. rhinaria*).—Dies., 1850a, 616 (to Pentast.).
- venarum* (Treutler, 1793) Nordmann, 1840, 594.—Dies., 1850a, 410 (to Hexathyridium).
- LINGULA L. —.—Rafinesque, 1815, 151 (genus of Fasciolaria).
- LINTONIA Mont., 1904, Dec. 1, 117-124 (tod. papillosa); 1905, 70; 1905, 117.
- papillosa* (Lint., 1898) Mont., 1904, 118-122, 123, pl. 7, figs. 1-7; 1905, 116-123, pl. 7, figs. 1-7 (in *Gadus callarias*).
- LIOCERCA Looss, 1902m, 732 (type bonnieri), 839 (Liopyge, renamed).
- 1899: Liopyge Looss, 1899b, 642 (tod. bonnieri), not Liopygus Lewis, 1891, insect.
- bonnieri* (Mont., 1893) [Looss, 1902m, 732].
- LIIOLOPE Cohn, 1902h, 877 (m. copulans).
- copulans* Cohn, 1902h, 877-880, figs. 1-3 (in *Cryptobranchus japonicus*; died in Europe); 1903, 39, 40, 41, fig. 4a-c.—Linst., 1904, 254.
- LIOPYGE Looss, 1899b, 642 (not Liopygus Lewis, 1891, 385, insect) (tod. bonnieri); *λεῖος*=smooth, *ἡ πύγῃ*=das Hintere; 1900, 604 (renamed Liocerca Looss, 1902m, 732, 839).—Luehe, 1901, 481, 485.—Pratt, 1902, 889, 901, 905.—Stiles, 1901, 189.
- bonnieri* (Mont., 1893) Looss, 1899b, 642; 1902m, 732.—Luehe, 1901, 481.

- LOBORCHIS Luehe, in Stoss., 1902, 578-582 (tld. by Luehe mutabilis), subf. Allocreadiinae.
- fasciatum* (Rud., 1819) Stoss., 1902, 582.
- gobii* (Stoss., 1883) Stoss., 1902, 582.
- labri* (Stoss., 1886) Stoss., 1902, 582.
- mutabilis* Stoss., 1902, 579-582, 1 fig. (in *Anguilla vulgaris*; Triest); 1903, 373.
- LOBOSTOME Blainv., 1824a, 518 (type *Dist. laureatum* Rud.) ("Ce sont les fascioles cylindriques dont la lèvre de la ventouse antérieure est lobée, comme le dist. laureatum de Rudolphi"). Only the French form of the name was used. See Crossodera.
- LOPHOCERCARIA Dies., 1858d, 243 (m. fissicauda).
- fissicauda* Dies., 1858d, 243 (syn. *Cerc. cristata* Valette) (in *Lymnæus stagnalis*; L. palustris, Valvata piscinalis, Paludina impura, Planorbis submarginatus; Berlin & Turin).—Linst., 1878a, 324.
- LOPHOCOTYLE Braun, 1896b, 3, 7 (m. cyclophora), Monocotylidæ.—Mont., 1903, 336 (*Anisocotylinae* subf.); 1905, 68-70.—Pratt, 1900, 646, 649, 650 (on skin of marine fishes), 655, fig. 19.—St.-Remy, 1898, 523, 540, 543.
- cyclophora* Braun, 1896b, 3, 7, figs. 1-3 (in *Notothenia* sp.; Navarin, Puerto Toro).—Pratt, 1900, 655, 657, fig. 19.—St.-Remy, 1898, 543-544, fig. 4.
- LOPHOTASPIS Looss, 1901l, 7 Nov., 624-625 (m. L. adhærens Looss = *Aspidogaster vallei* (Stoss., 1899)); 1902m, 415, 418-430.—Pratt, 1902, 887, 892.
- adhærens* Looss, 1901l, 624-625 (in *Thalassochelys corticata*; Egypt); 1902m, 415, 418 (syn. of L. vallei).
- vallei* (Stoss., 1899) Looss, 1902m, 415, 418-430, 442, 471, 791 (amphitypie) 868, pl. 21, figs. 1-9.—Odhn., 1902, 44.
- LORIFORMIS Gœze, 1782a, 41 (= Fasc. intestinalis Linn., Fasc. abdominalis Gœze, Ligula), a "Gattung" of Fasciola Gœze.
- LOXOGENES Staff., 1905, Apr. 11, 683 (m. arcanum); λοξός, bent sideways, oblique; γενᾶω, to produce).
- arcanum* (Nickerson, 1900) Staff., 1905, Apr. 11, 683 (in *Rana catesbiana* Shaw; Canada) (syns.: Dist. medians Olss. of Staff., 1900, 412; Dist. arcanum Nickerson, 1900, 811; Pleurogenes arcanum of Pratt, 1902, 959; Brandesia medians of Pratt, 1902, 959), 685.
- LOXOSOMA Keferstein, 1862a, 131-132 (m. singulare).—Ben., 1869a, 22 (syn. Cyclatella), a bryozoon, see also Braun, 1890a, 518.—Mont., 1888a, 88.—Tasch., 1879, 56.
- annelidicola* (Ben. & Hesse, 1863) Prouho, 1891, 91-116, pl. 5, figs. 1-16 (in Clyménéen de Saint-Vaast, la Hogue).—Sons., 1895, 119.
- singulare* Keferstein, 1862a, 131-132, pl. 11, fig. 29 (λοξός, oblique; σῶμα, body) (*Capitella rubicunda*; St.-Vaast).
- LYPEROSOMUM Looss, 1899b, 635 (for porrectum, plesiostomum, longicauda, clathratum); λυπερός, thin; tld. longicauda; 1902m, 770; 1907, Feb. 1, 125.—Braun, 1901h, 702; 1901, 946; 1902b, 97, 106 (type longicauda), 119.—Odhn., 1902, 38.—Pratt, 1902, 889, 904.—Stiles, 1901, 190, 191.
- corrigia* Braun, 1901, 946 (in *Tetrao tetrix*); 1902b, 111, fig. 68.
- lobatum* (Rail., 1900) Braun, 1902b, 110, fig. 67.
- longicauda* (Rud., 1809) Braun, 1902b, 106, 111, fig. 65 (includes: Dist. longicauda Rud., 1809, 372; D. macrourum Rud., 1819a, 98; Linst., 1883, 309; 1886c; Dies., 1850a, 345; D. (Dicrocoelium) macrourum p. p. Stoss., 1892, 13; D. longicauda Much., 1896, 248, figs. 2, 9; Dicrocoelium longicauda Rail., 1900, 239).
- rudectum* Braun, 1901g, 946 (in *Ibis coerulescens* Vieill.; Brazil); 1902b, 112, 113, fig. 69.
- salebrosus* Braun, 1901g, 946 (in *Cypselus melba* Ill.; Coll. Vien.); 1902b, 113, fig. 70.
- squamatum* Linst., 1906, 174, pl. 1, fig. 18 (in *Dissura episcopus*; Palatupana).
- MACRASPIIS Olss., 1868 or 1869, 2-3 (m. elegans) [nec McL., ante 1835, coleopteron].—Braun, 1893a, 879, 886, 887, 888, 890, 891, 894, 896, 898, 917, 918; 1893b, 188.—Gamb., 1896a, 73.—Looss, 1902m, 428.—Mont., 1888a, 84, 91; 1892, Oct. 7, 196, 198, 213 (gen. of Aspidobothridæ).—Nickerson, 1902, 602, 604, 606, 607, 612, 614, 615, 616, 617.—Odhn., 1902, 42, 43.—Pratt, 1902, 887, 891.—Tasch., 1879, 255.
- [*calcarata* Spinola, 1835, 130-132, insect.]

MACRASPIIS—Continued.

elegans Olss., 1868, 2-3 (in *Chimæra monstrosa*; Skagerrack).—Braun, 1893a, 875, 898; 1893d, 467 (in *Ch. mon.*).—Jägers., 1899b, 197-214, figs. 1-9 (anatomy).—Looss, 1902m, 420.—Mont., 1892, Oct. 7, 196; 1893a, 37.—Nickerson, 1902, 614, 618 (in *Ch. mon.*; Europe).—Tasch., 1879, 255.

MACROCERCUS Hill, 1752a, 8.—Mueller, 1773, 64.—Nitzsch, 1827, 68 (contains *Cerc. gyrinus*, *C. gibba*).

MACRODERA Looss, 1899b, 604 (tod. *naja*) (not *Macroderes* Westwood, ante 1882, coleopteron) (renamed *Saphedera* Looss, 1902, 732); *μακρός*, long; *ἡ δέρον*, neck; 1900, 605; 1902m, 732, 839 (syn. of *Saphedera*).—Luehe, 1900, 557, 561.—Odhn., 1902, 41.—Pratt, 1902, 888, 900.

naja (Rud., 1819) Looss, 1899b, 604; 1901, 658; 1902m, 732.—Luehe, 1900, 556.—Rizzo, 1902, 28 (in *Tropidonotus natrix*; Catania).

MACRUROCHETA Costa, (1864), 86-91 (? m. *acalepharum*).—Braun, 1889a, 364.—Par., 1894, 244.

acalepharum Costa, (1864), 86-91 (larva in *Acalephen*).—Mont., 1888, 77.—Par., 1894, 165 (syn. of *Cerc. setifera* Muel.) (in *Beroc* sp.; Naples), 481.

MALACOBDELLARII Mont., 1888, 94.

MALACOBOTHRIA Braun, 1893b, 188 (for *Malacobothrii*).

MALACOBOTHRII Burm., 1837, 529; 1856a, 243, 250.—Braun, 1890a, 515; 1893b, 188 (*Malacobothria*).—Mont., 1888a, 83.—Tasch., 1879, 233.

MALACOCOTYLEA Mont., 1892, Oct. 7, 213 (subo. of *Trematoda*); 1896, 162.—Braun, 1893a, 890, 891, 892, 895, 898 (*Malacotylea*), 917; 1893b, 188; 1895b, 136.—Gamb., 1896a, 73.—Looss, 1899b, 543.—Luehe, 1901, 488.—MacCallum, 1902, 636.—Maclaren, 1904, 579, 583, 599.—Mueh., 1898, 18.—Pratt, 1900, 645, 646, 647; 1902, 887, 891, 892 (includes: *Paramphistomidae*, *Fasciolidae*, *Schistosomidae*, *Holostomidae*, *Gasterostomidae*, *Didymozoonidae*, *Monostomidae*).—Stiles, 1898a, 27.—Ward, 1903, 864.

MALACOTYLEA Braun, 1893a, 898, for *Malacocotylea*.

MALAKOKOTYLEA Schneidemuehl, 1896, 295, for *Malacocotylea*.

MALLEOLUS Ehrenberg, 1838a, 465 (m. *furcatus*).—Burm., 1856a, 250.—Dies., 1850a, 286, 294-295 (syns.: *Vibrio* Mueller, *Cerc. Nitzsch*, *Histrionella* Bory) (mentions only *M. furcatus*); 1855a, 379, 395; 1858d, 270, 274.—Fil., 1854a, 6; 1857c, 22.—Goldb., 1855, 16.—Moul., 1856a, 121, 123-124.—Pag., 1857, 4, 5.

furcatus (Nitzsch, 1817) Ehrenberg, 1838a, 465.—Dies., 1850a, 294-295 (syns.: *Vibrio malleus* Mueller, *Zirkelthier* Eichorn, *Histrionella fissa* Bory, *Cerc. furcata* Nitzsch, *Cerc. 6* Baer); 1855a, 395; 1858d, 274 (syns. *Cerc. furcata* La Valette) (in *Lymnæus stagnalis* at Halle, *Paludina vivipara* at Berlin).—Moul., 1856a, 168 (to *Cerc.*).—Pag., 1857, 6.

MANODISTOMUM Staff., 1905, Apr. 11, 682-683 (m. *occultum*), *μαρός* = rare.

occultum Staff., 1905, Apr. 11, 682-683 (in *Diemyctylus viridescens* Raf., *Rana virescens*; Canada) (= *Dist. sp.* Staff., 1902, 482); *occultus*=obscure.

MARMOSTOMUM Looss, 1900, 605 (misprint for *Harmost.* Braun).

MAZOCRAES Hermann, 1782a, 182 (m. *alosa*).—Braun, 1890a, 518.—Cerf., 1896, 516.—Dies., 1850a, 421, 422.—Mayer, 1841a, 19.—Tasch., 1879, 239.—See *Octostoma*, *Octobothrium*.

1827: *Octobothrium* Leuck., 1827 or 28, 18 (*lanceolata* = *alosa*, type by inclusion), not *Octobothrium* Dies., 1850a, cestode.

1829: *Octostoma* Kuhn, 1829, 358-363 (*alosa*, type by inclusion).

1850: *Octocotyle* Dies., 1850a, 289, 421-422 (*lanceolata* = *alosa*, type by inclusion).

1858: *Octoplectanum* Dies., 1858e, 382 (*Octocotyle* 1850 renamed hence *alosa* type).

1894: *Octocotyle* Par., 1894, 594, misprint.

alosa Hermann, 1782a, 182, pl. 4, figs. 13-14 (in *Clupea alosa*).—Ben., 1858a, 1861a, 46 (syn. of *Octobothrium lanceolatum*).—Nord., 1832a, 76 (syn. of *Oct. lanc.* Leuck., 1828).—St.-Remy, 1898, 545.—Tasch., 1879, 241, 244 (syn. of *Oct. lanc.*).

MEGACETES Looss, 1899b, 630-631 (tod. *triangularis*) (not *Megacetes* Thomas, 1859, coleopteron) (*μεγακήτης*=grossschlundig); 1900, Dec. 3, 602 (renamed *Eumegacetes*).—Braun, 1902b, 53, 92 (syn. of *Eumeg.*).—Odhn., 1902, 38.—Stiles, 1901, 189.

MEGACETES—Continued.

triangularis (Dies., 1850) Looss, 1899b, 596, 631, 725-727, figs. 44-46; 1902m, 819 (=Eumegacetes emendatus Braun, 1901).—Braun, 1901, 568; 1902b, 51, 54, 93, 97 (syn. of Eumeg. em.).—Luehe, 1900, 565.

MEGADISTOMUM Staff., 1904, May 3, 488 (m. longum) (*μέγας* = great), 489.

longum (Leidy, 1851) Staff., 1904, May 3, 488 (in *Esox masquinongy* Mit.; Canada).

MELANOGLAENA Eichwald.—Dies., 1850a, 650.

bipunctata Eichwald, —, 78, pl. 4, fig. 3.—Dies., 1850a, 650 (in aqua salsa, Revaliæ).

MERISTOCOTYLE Rossbach, 1906, 374 (for Merizocotyle).

MERIZOCOTYLE Cerf., 1894k, 936-948 (m. diaphanum) (*μερίζω* = je partage) Tristomidæ; 1894, 571-572; 1895, 697; 1895m, 130; 1896, 539, 540; 1898b, 329-366, pls. 13-14; 1899a, 448.—Brand., 1898a, 215 (23).—Mont., 1899, 98, 103; 1903, 336 (Anisocotylinae subf.); 1905, 67, 68, 70.—Pratt, 1900, 646, 650.—Rossbach, 1906, 374 (Meristocotyle).—St.-Remy, 1898, 523, 540, 541-542.

1906: Meristocotyle Rossbach, 1906, 374, misprint.

diaphanum Cerf., 1894k, 936-948, figs. 1-6 (in *Raja batis*); 1894g, 949-954; 1895m, 129; 1895, 698-699; 1896, 539; 1898b, 329, 330-357, 358, 359, 360, 363, pl. 13, figs. 1, 3, 5, 8-11, pl. 14, figs. 1, 9 (in *Raja batis*).—Braun, 1896a, 1346.—Mont., 1899, 103.—Pratt, 1900, 655, 657, fig. 17.—St. Remy, 1898, 542, fig. 3.

minus Cerf., 1898b, 330, 357, 361, 363, pl. 13, figs. 2, 4, 6, 7 (in *Raja* sp.; Roscoff).—St.-Remy, 1898, 543.

MESAULUS Braun, 1902b, 23, 26 (m. grandis).

grandis (Rud., 1819) Braun, 1902b, 24, figs. 16-19 (syns.: Dist. grande Rud., 1819a, 676; Duj., 1845a, 446; Braun, 1901g, 564; Dies., 1850a, 346; Stoss., 1892, 2; D. convolutum (Brand.)).

MESOCOTYLE Par. & Perugia, 1889, Sept., 76-80 (m. squillarum), belongs between Dactylocotyle and Choricotyle.—Braun, 1890a, 546.—Cerf., 1895h, 920; 1896, 515.

squillarum Par. & Perugia, 1889, 76-80, 1 pl., figs. 1a-3a (in *Bopyrus squillarum*; Triest).—Braun, 1890a, 549; 1891d, 421.—Cerf., 1898a, 302 (in Bop. sq.)—Stoss., 1898, 12.

MESOGONIMUS Mont., 1888, 15, 92, 105 (tod. Dist. reticulatum Looss, 1885; not Wright, 1879); 1892, Oct. 7, 214 (g. of Distominæ); 1893a, 82, 155-157, 177.—R. Bl., 1891, 609, 610; 1895, 730.—Braun, 1892a, 696, 735; 1893a, 885, 886, 890, 892, 909, 911; 1895b, 138; 1899g, 485; 1900, 25, 31; 1900h, 2, 3, 4, 5; 1902b, 68, 129.—Looss, 1894a, 171, 173, 174; 1896b, 59; 1899b, 536, 538, 539, 542, 585, 649, 650.—Luehe, 1899, 538, 539, 540; 1900, 557.—Moniez, 1896, 89.—Odhner, 1902, 42.—Stiles & Hass., 1898a, 86, 91 (type D. reticulatum Looss).—Stoss., 1892, 4, 5, 31; 1898, 24.

æqualis (Duj., 1845) Stoss., 1892, 174 (in *Strix perlata*, S. flammea; Rennes).—Mont., 1893, 156.

commutatus (Dies., 1858) Sons., 1889, 283; 1891, 201-202 (in *Gallus dom.*, *Meleagris gallopavo*).—Hass., 1896a, 3 (syns.: Dist. dimorphum Wag., D. commutatum Dies., D. columbæ Mazzanti, Mesogonimus dimorphus (Wag.)) (in *Gallus dom.*).—Looss, 1894a, 174.—Mont., 1893, 156.—Rail., 1893a, 371 (=M. dimorphus (Wag.) Rail.).—Stoss., 1892, 175 (in *Gallus dom.*, Pisa, Nizza; *Meleagris gallopavo*, Pisa).

compactus (Cobbold, 1859) Stoss., 1892, 31, 36 (in *Mungos fasciatus*).—Mont., 1893, 156.

constrictus (Leared, 1862) Mont., 1896, 32 pp., figs. 1-22; 1896, 141-172, pl. 7-8 (in *Thalassochelys caretta*).—Mingazzini, 1900, 156.—Mont., 1896, 141 pp., pls. 7-8 (in Th. car.).—Type of Hapalotrema, 1899.—See mistroides.

dictyotus Mont., 1893, 156, reticulatum Looss, renamed.

dimorphus (Wagener, 1852) Rail., 1890, 143; 1893a, 371.—Galli-Valerio, 1901c, 364 (in poule).—Hass., 1896a, 3 (syn. of M. commutatus (Dies.)).—Mont., 1893, 83, 156.

heteroclitus (Mol., 1858) Stoss., 1892, 174-175; 1892, 31-32.—Mont., 1893, 156.

heterophyes (Sieb., 1853) Rail., 1890, 143; 1890, 138; 1893, 370.—R. Bl., 1895, 737-739; 1900, 488.—Braun, 1903, 3 ed., 164 (to Cotylogonimus).—Manson, 1903, 3 ed., 664-665.—Mont., 1893, 89, 156.—Stoss., 1892, 31-32 (in *Homo*; Cairo).—Ward, 1895, 328 (in *Homo*); 1903, 870 (to *Heterophyes*).

MESOGONIMUS—Continued.

- linguæforme* (Dies., 1850) Stoss., 1896, 127–128 (includes *Dist. leptosomum* Olss., *D. caudatum* Linst.); 1898, 24 (in *Erinaceus europæus*; Triest).
- lorum* (Duj., 1845) Mont., 1893, 156.
- marginatus* (Rud., 1819) Stoss., 1892, 175 (in *Ardea* sp.; Brazil).—Mont., 1893, 156.
- pellucidus* (Linst., 1873) Neumann, 1892, 374.—Dolley, 1894a.
- pulmonale* (Baelz, 1878) Stoss., 1892, 32–33 [type of *Paragonimus* Braun, 1899] (syns.: *Dist. pulmonale*, *D. westermanni*, *D. ringeri*) (in Homo; China, Japan, Korea, Formosa).
- pulmonalis* (Baelz, 1883) Rail., 1890, 143.—Looss, 1894a, 174.—Mont., 1893, 83, 89, 156.
- [*reticulatus* (Looss, 1885).]
- ringeri* (Cobbold, 1880) Rail., 1890, 143 [=westermanni].
- westermanni* (Kerbert, 1878) Rail., 1890, 143; 1893, 369–370.—R. Bl., 1895, 739–740; 1895, 34–39; 1900, 488.—Braun, 1903, 3 ed., 155 (*westermanni*) (to *Paragonimus*).—Mont., 1896, 168.—Vincent, 1890, 189.—Ward, 1895, 244, 328 (in Homo), 341 (in *Canis familiaris*); 1903, 867 (*westermanni*; to *Parag.*)
- MESOMETRA** Luehe, 1901d, 57–60 (tod. *orbicularis*), Monostomidæ.—Looss, 1902m, 442, 780, 813, 824, 838.—Pratt, 1902a, 890, 910.
- brachycælia* Luehe, 1901d, 51, 55–57, 59, 60, figs. 4–5 (Monost. *orbiculare* of Par., e. p.) (in *Box salpa*; Genoa).—Looss, 1902m, 819.
- orbicularis* (Rud., 1819) Luehe, 1901d, 51–55, 56, 57, 59, 60, figs. 1–3.—Looss, 1902m, 819.
- MESOTRETES** Braun, 1900a, 229–230 (m. *peregrinus*).—Pratt, 1902, 889.
- peregrinus* (Braun, 1900) Braun, 1900, 229–230, pl. 10, fig. 3.
- METASTATICA** Leuck., 1889.—Braun, 1893g, 895, 900; 1893b, 188.—Gamb., 1896, 73.—Looss, 1899b, 543.—Ward, 1903, 865.
- METORCHIS** Looss, 1899b, 564–566 (includes: *albidus* (tod.), *truncatus*, *complexus*, *conjunctus*, *crassiusculus*, *amphileucus*, *campula*) (*μετὰ*, behind; *ὄρχις*, testicle); 1902m, 811.—Braun, 1902b, 5, 7, 9, 11.—Luehe, 1901, 474.—Pratt, 1902, 888, 896.—Rail., 1900, 242.
- albidus* (Braun, 1893) Looss, 1899b, 565.—Engler, 1904, 186.—Hollack, 1902a, 868.—Luehe, 1901, 171.—Stoss., 1904, 11.
- amphileucus* (Looss, 1896) Looss, 1899b, 565 (*amphielucus*); 1902m, 811.—Odhn., 1902, 152.—Stoss., 1904, 11.
- campula* (Cobbold, 1876) Looss, 1899b, 565.
- cæruleus* Braun, 1902b, 11, fig. 8 (in *Cairina moschata*; Brazil).—Stoss., 1904, 11.
- compascua* (Kowal., 1898) Kowal., 1902d, (5) 23 (in *Anas querquedula*; Dublany); 1904a, (8) 23.
- complexus* (Stiles & Hass., 1894) Looss, 1899b, 565.—Hollack, 1902a, 868.—Stoss., 1904, 11.
- conjunctus* (Cobbold, 1860) Looss, 1899b, 565.—Stoss, 1904, 11.
- crassiusculus* (Rud., 1809) Looss, 1899b, 565.—Braun, 1902b, 10.—Engler, 1904, 186.—Hollack, 1902a, 868.—Kowal., 1902d, 23 (5) (corrected to *M. xanthosomus* (Crep.) Braun, 1902) (in *Anas boschas domestica*).—Luehe, 1901, 171.—Stoss., 1904, 11.
- poturzyensis* (Kowal., 1898) Hollack, 1902a, 868.
- tener* Kowal., 1903, 517, fig. 1 (in *Mergus merganser*); 1904d, 19 (4) (in *M. merg.*).—Stoss., 1904, 11.
- truncatus* (Rud., 1819) Looss, 1899b, 565.—Braun, 1903, 3 ed., 160, fig. 108.—Engler, 1904, 186.—Hollack, 1902a, 868.—Odhn., 1905, 339.—Stoss., 1904, 11.—Ward, 1903, 864; 1903, 704.
- xanthosomus* (Crep., 1846) Braun, 1902b, 7, 10, figs. 4–7.—Kowal., 1903, 517; 1904d, 23 (8).—Stoss., 1904, 11.
- MICROBOTHRIUM** Olss., 1869, 3–5 (only positive, hence type species *apiculatum*), Tristomidæ.—Braun, 1890a, 516, 518.—Ceri., 1898b, 362.—Looss, 1894, 9.—Mont., 1888a, 84, 88; 1891, 127, 128; 1903, 336 (*Pseudocotyle*); 1905, 70.—Pratt, 1900, 649, 655, fig. 16.—St.-Remy, 1891, 213–223 (genital organs).—Tasch., 1879, 236 (syn. of *Pseudocotyle*); 1879, 49.

MICROBOTHRIUM—Continued.

apiculatum Olss., 1869, 4, fig. 13 (in *Acanthias vulgaris*; Skagerrack).—Braun, 1891d, 422; 1893b, 176, 178.—Cerf., 1898b, 341, 342.—Looss, 1894, 9.—Mont., 1888a, 88; 1891, 127.—Pratt, 1900, 655, 657, fig. 16.—St.-Remy, 1891, 213–223, 1 fig. (in *Ac. vulg.*).—Tasch., 1879, 49.

fragile Olss., 1869, 4–5, as doubtful sp. (in *Raja batis*; Norway).—Mont., 1888a, 88; 1891, 128.—St.-Remy, 1891, 213 (in *Raja batis*).—Tasch., 1879, 49.

MICROCOTYLE Ben. & Hesse, 1863; 1864, 96, 112 (either *donavini* or *labracis* should be type).—Ariola, 1899a; 1899 [in 129–138]; —, 299.—Braun, 1890a, 414, 416, 426, 428, 445, 451, 454, 458, 468, 472, 477, 484, 485, 486, 489, 490, 494, 498, 499, 500, 511, 517, 523, 540, 546; 1891d, 422; 1893a, 890; 1896b, 7.—Cerf., 1895h, 918; 1896, 514; 1899a, 403.—Cunningham, 1887a, 278.—Gamb., 1896a, 73.—Goto, 1891a, 161, 169, 170, 178, 184, 186, 187; 1891c, 103; 1893a, 798, 799, 800, fig. 1; 1900, in 351–352.—Haswell, 1892a, 459; 1892b, 150; 1893e, 114.—Hoyle, 1890, 537, 539.—Ijima, 1884c, 638, 639.—Jackson, 1888, 642, 644, 645, 646, 647, 648, 654.—Juel, 1889, 33.—Kerbert, 1881a, 573.—Lint., 1901, 414, 451 (sp.); 1905, 335, 370, 385, figs. 147–150 (sp. on *Cynoscion regalis*, *Pomatomus saltatrix*).—Lorenz, 1878a, 405–436, pls. 31–33.—Looss, 1885b, 5, 10, 15, 17, 18; 1892, 72.—Maclaren, 1904, 595.—Mont., 1888a, 7, 8, 11, 15, 34, 40, 52, 53, 55, 59, 60, 66, 86, 89, 101; 1892, Oct. 7, 213 (gen. of *Microcotylinae*); 1893, 110, 111; 1903, 336 (subf. *Microcotylinae*).—Par. & Perugia, 1890, 175–219, 3 pls.; 1890, 13; 1896, in 135–138, 2 figs; 1896 in 4 pp.; —, 653.—Pratt, 1900, 646, 650, 653, 655, 657, fig. 17, 660.—St.-Remy, 1898, 558–559.—Sons., 1891, 2 pp. (n. sp. in *Umbrina cirrhosa*).—Stoss., 1898, 14–15.—Tasch., 1879, 257; 1879, 40, 45, 46, 56, 58, 61, 62, 66, 69.

acanthurum Par. & Perugia, 1896, 2 (on *Brama rayi*; Genova).—Ariola, 1899, 5.—St.-Remy, 1898, 562.

alcedinis Par. & Perugia, 1890, 7; 1890, 744 (in *Smaris alcedo*; Genova).—Ariola, 1899, 4.—Braun, 1890a, 418, 541, 549, 552.—Goto, 1894a, 184.—Also reported for *Mæna trachini*, *M. vulgaris*.

canthari Ben. & Hesse, 1863; 1864, 113–114 (in *Cantharus griseus*).—Ariola, 1899, 4.—Braun, 1890a, 418, 541, 548, 550.—Lorenz, 1878a, 434.—Stoss., 1898, 15.—Tasch., 1879, 257 (in *C. gr.*).—Also reported for *Cantharus brama*, *C. lineatus*.

caudata Goto, 1894a, 186–187 (in *Sebastes* sp.; Mitsugahama).—Ariola, 1899, 4.—Heath, 1902, 117.—St.-Remy, 1898, 559.

chiri Goto, 1894a, 193–194 (in *Chirus hexagrammus*; Hakodaté).—Ariola, 1899, 4.—Heath, 1902, 117.—St.-Remy, 1898, 561.

chrysophryi (Ben. & Hesse, 1863) Braun, 1890a, 410 (*chrysophrii*), 418, 541, 548, 550.—Ariola, 1899, 5 (*chrysophrii*).—Lint., 1878a.—Mont., 1888a, 8 (*chrysophrii*).—Par. & Perugia, 1890, 8 (*chrysophrii*); 1894, 137 (in *Chrysophrys aurata*; Trieste, Genova, Venice).—Stoss., 1891, 110; 1898, 15 (in *Chr. aur.*; Trieste).—Tasch., 1879, 257 (in *Chr. vulgaris*).

donavini Mont., 1888a, 16, for *donavini*.

donavini Ben. & Hesse, 1863; 1864, 114–115, pl. 12, figs. 1–11 (in *Labrus donavini*).—Ariola, 1899, 4 (*donavani*).—Braun, 1890a, 410, 418, 498, 541, 548, 551.—Mont., 1888a, 16 (*donavani*).—Scott, 1905, 116–117, pl. 6, fig. 21 (in *Lab. bergylta* Ascan).—Tasch., 1879, 257 (in *Lab. don.*).

draconis Briot, 1904, Jan. 29, 126–127 (in *Trachinus draco* L.; Manche, North Sea).

elegans Goto, 1894a, 188–189 (in *Scombropro chilodipteroides*; Misaki).—Ariola, 1899, 4.—St.-Remy, 1898, 559–560.

erythrinii Ben. & Hesse, 1863; 1864, 115–116 (in *Pagellus erythrinus*).—Ariola, 1899, 4.—Braun, 1890a, 418 (*erythrinis*), 453, 498, 541, 548, 551.—Par. & Perugia, 1890, 8; 1894, 136 (in *Box boops*; Genova).—St.-Remy, 1898, 546.—Tasch., 1879, 257 (in *Pag. ery.*).

erythrinis Braun, 1890a, 418 (for *erythrinii*).

fusiformis Goto, 1894a, 192–193, pl. 2, fig. 3, pl. 4, fig. 6, pl. 5, fig. 1 (in *Centronotus rubulosus*; Mitsugahama).—Ariola, 1899, 4.—St.-Remy, 1898, 561.

hiatulæ Goto, 1899a, 281–282, pl. 21, fig. 29 (in *Hiatula onitis*; Newport, R. I.).

labracis Ben. & Hesse, 1863; 1864, 112–113, pl. 12, figs. 12–18 (in *Labrax lupus*).—Ariola, 1899, 4.—Braun, 1890a, 418, 443, 477, 488, 498, 514, 541, 548, 551.—Gamb., 1896a, 58, fig. 25c.—Mont., 1888, 8, 16, 66; 1893, 111.—Par. & Perugia, 1890, 8, 12; 1894, 136–137 (in *Labrax lupus*; Genova).—Scott, 1905, 117, pl. 6, fig. 23.—Stoss., 1898, 15–16.—Tasch., 1879, 257 (in *Labrax lup.*).

MICROCOTYLE—Continued.

lichia Ariola, 1899, 1-5, pl. 1, figs. 1-5 (in *Lichia amia*; Genova).

longicauda Goto, 1899a, 282-283, pl. 21, figs. 30-31 (in *Cynoscion regale*; Newport, R. I.).—Pratt, 1900, 657, 661, fig. 39.

mormiri Mont., 1888, 34, for *mormyri*.

mormyri Lorenz., 1878a, 425-434 (21-30), pl. 3, figs. 1-6 (on *Pagellus mormyrus*; Trieste).—Ariola, 1899, 4.—Braun, 1890a, 410, 418, 443, 452, 477, 488, 541, 548, 551.—Goto, 1894, 184.—Hoyle, 1890, 539-540, fig. 3c.—Juel, 1899, 36.—Linst., 1889a.—Par. & Perugia, 1890, 745 (in *Pagellus mormyrus*); 1890, 8; 1894, 137 (Triest; Genova).—Mont., 1888, 10, 16, 30, 34 (*mormiri*), 66; 1893, 111.—Stoss., 1898, 16.—Tasch., 1879, 257 (in *Pag. morm.*; Trieste); 1879, 35.—Ziegler, 1883, 546.

mugilis Vogt, 1878, May 7, 327-332, pl. 14, fig. 3 (in *Mugil cephalus*; Roscoff).—Ariola, 1899, 4.—Braun, 1890a, 514, 541, 548, 551.—Goto, 1894a, 183 (in *M. ceph.*).—Par. & Perugia, 1890, 4, 8, 12; 1894, 136 (*M. ceph.*; Genova).—Sons., 1891, 253-254 (*mugylis*) (in *M. ceph.*).—Tasch., 1879, 257 (in *M. ceph.*; Roscoff).

mugylis Sons., 1891, 253-254, for *mugilis*.

panceri Sons., 1891, 303-304 (in *Umbrina cirrhosa*; [Pisa], Italy).—Ariola, 1899, 5.—Braun, 1893b, 184 (in *Umb. cirr.*).—Goto, 1894a, 184.

pomatomi Goto, 1899a, 278-279, pl. 21, fig. 27 (in *Pomatomus saltatrix*; Newport, R. I.).—Pratt, 1900, 660.

reticulata Goto, 1894a, 189-191 (in *Stromateus argenteus*; Mitsugahama).—Ariola, 1899, 5.—St.-Remy, 1898, 560.

salpæ Par. & Perugia, 1890, 207, pl. 5, fig. 34 (in *Box salpa*); 1894 (at Genova).—Ariola, 1899, 5.—Goto, 1894a, 184.—Sons., 1891, 262 (in *B. sa.*).

sargi Par. & Perugia, 1890, 4, 7, 11 (*sargii*); 1890, 744 (in *Sargus rondeletii*; Genova); 1894 (in *Sargus rondeletii*, *S. annularis*, *S. salviani*; Genova).—Ariola, 1899, 4.—Braun, 1890a, 418, 514 (*sargii*), 541, 549, 552.—Goto, 1894a, 184 (in *Sargus annularis*, *S. rondeletii*, *S. vulgaris*).

sargii see *sargi*.

sciænæ Goto, 1894a, 194-196 (in *Sciæna sina*; Mogi).—Ariola, 1899, 4.—Heath, 1902, 117.—St.-Remy, 1898, 561-562.

sebastis Goto, 1894a, 187-188 (in *Sebastes* sp.; Hakodaté).—Ariola, 1899, 4.—St.-Remy, 1898, 559.

stenotomi Goto, 1899a, 279-281, pl. 21, fig. 28 (in *Stenotomus chrysops*; Newport, R. I.).—Pratt, 1900, 660.

trachini Par. & Perugia, 1889, 744-745 (in *Trachinus radiatus*; Genova); 1890, 744-745; 1890, 7, 10.—Par., 1894, 136, 594, 595.—Ariola, 1899, 4.—Braun, 1890a, 418, 541, 549, 552.—Briot, 1904, 127 (in *Tr. rad.*).

truncata Goto, 1894a, 191-192 (in *Pristipoma japonicum*; Mitsugahama).—Ariola, 1899, 4.—St.-Remy, 1898, 560.

MICROCOTYLIDÆ Tasch., 1879, 235, 237, 255; 1879, 69.—Braun, 1890a, 511, 516, 517, 523, 533, 540, 546.—Cerf., 1899a, 365, 452.—Hoyle, 1890, 539 (includes: *Axine*, *Microcotyle*, *Gastrocotyle*, *Aspidogaster*, *Cotylaspis*, *Aspidocotyle*).—Jackson, 1888, 654 (includes: *Axine*, *Microcotyle*, *Aspidogaster*, *Cotylaspis*).—Mont., 1888, 8, 10, 11, 13, 15, 16, 20, 30, 34, 37, 66, 86, 88, 89, 91, 101, 108; 1892, Oct. 7, 196, 197; 1903, 336 (raised from subf. to fam. rank; subf. *Microcotylinae* (g. *Microcotyle*); 2. *Axininae* (g. *Axine*, *Pseudaxine*, *Gastrocotyle*).—Par. & Perugia, 1890, 7.

MICROCOTYLINÆ Mont., 1892, Oct. 7, 213 (subf. of *Polystomidæ*); 1903, 336.—Braun, 1893a, 890.—Gamb., 1896, 73.—Pratt, 1900, 646, 653 (includes: *Microcotyle*, *Gastrocotyle*, *Axine*, *Pseudaxine*).—St.-Remy, 1898, 558.

MICROLISTRUM Braun, 1901f, 563 (tod. *cochleariforme*); 1902b, 55.—Pratt, 1902, 889.

cochlear (Dies., 1850) Braun, [1901f, 563;] 1902b, 58, 59, fig. 36 (syns.: *Dist. cochleariforme* p. p. Rud., 1819; Duj., 1845; Stoss., 1892, 37; *D. cochlear* Dies., 1850; Stoss., 1892; *D. diesingii* Cobbold, 1861).

cochleariforme (Rud., 1819) Braun, [1901f, 563;] 1902b, 56, 58, fig. 35 (syn. *Dist. cochleariforme* Rud., 1819; Duj., 1845; Dies., 1850; Stoss., 1892).

spinetum Braun, 1901f, 563 (in *Rhynchops nigra* L.; Brazil) (syn. *Dist. attenuatum* Brems. MS.); 1901, 895; 1902b, 56, 59, 60, figs. 37-39.

- MICROPHALLINÆ Ward, 1901, 185.—Jägers., 1903a, 14.—Odh., 1905, 318.—Pratt, 1902, 889, 903 (includes: *Microphallus*, *Levenseniella*).—Stoss., 1904, 198.
- MICROPHALLUS Ward, 1901, 175–185 (m. *opacus*); 1902, 17 June, 361; 1903, v. 3, [71–83], 175–187, pl. 26, figs. 1–5.—Jägers., 1903a, 14.—Looss, 1902, 426.—Odh., 1905, 317.—Pratt, 1902, 889, 903.—Staff., 1903, 824 —Stiles & Hass., 1902d, 20.
- opacus* (Ward, 1894) Ward, 1901, 184.—Staff., 1903, 824.
- MICROPHARYNX Jägers., 1897a, 707–714 (m. *parasitica*) [an ectoparasitic triclade turbellaria].
- parasitica* Jägers., 1897a, 707–714, figs. 1–3 (on *Raja clavata*, R. *lævis*; Kattegat) (? syn. *Microbothrium fragile*).—Braun, 1900, 70.—Graff, 1904, 457.—Staff., 1904, May 3, 482 (syn. *Pseudocotyle fragile* Olss.) (on *Raja lævis*; Canada).
- MICROSCAPHA Looss, 1899b, 668–669, 769 (tod. *reticularis*) [not *Microscapha* Le Conte, 1866, coleopteron] ἡ *σκαφη*=Kahn, Nachen; 1900, Dec. 3, 602 (renamed *Microscaphidium*).—Stiles, 1901, 189.
- linguata* Looss, 1899b, 668, 766–767 (in *Chelonia mydas*; Egypt), 768, 772, 773, fig. 87.—Braun, 1901b, 38, 54, type of *Polyangium* 1902.
- reticularis* (Ben., 1859) Looss, 1899b, 668, 763–766 (in *Chelonia mydas*; Egypt), 767, 768, 770, fig. 81.
- sagitta* Looss, 1899b, 668, 770, 772–773, fig. 88 (in *Chelonia mydas*; Egypt).—Braun, 1901b, 38, 54, type of *Octangium* 1902.
- MICROSCAPHIDIINÆ Looss, 1900, 605; 1902m, 696, 699, 841.—Pratt, 1902, 890, 909 (includes *Microscaphidium*, *Deuterobaris*).
- MICROSCAPHIDIUM Looss, 1900, Dec. 3, 602 (*Microscapha* Looss, 1899, not Le Conte, 1866, renamed, hence type *reticulare*); 1901, 200; 1902m, 442, 630, 632, 634, 642, 643, 647, 649, 651, 652, 658, 660, 665, 666, 667, 668, 675, 677, 681, 684, 690–691, 694, 695, 696, 698, 699, 805, 811, 824, 879 (type *reticulare*).—Pratt, 1902a, 890, 909.
- aberrans* Looss, 1902m, 630, 677, 692–693, 697, 698, 879, 881, pl. 28, figs. 106, 117–121 (in *Chelone mydas*; Egypt).
- linguata* (Looss, 1899) Looss, 1902m, 688 (to *Polyangium* as type), 694, 695, 696, 697, 698, 811.
- parallelum* Looss, 1901l, 622 (in *Chelone mydas*; Egypt); 1902m, 689 (type of *Angiodictyum*), 690, 696.
- reticulare* (Ben., 1859) Looss, 1901l, 622; 1902m, 630, 632, 662, 677, 689, 690, 691–692, 693, 694, 695, 696, 697, 698, 879, pl. 28, figs. 105, 107–116.
- sagitta* (Looss, 1899) Looss, 1901l, 621; 1902m, 627, 685 (to *Octangium* as type), 694, 695, 696, 811.
- MICROSCAPHINÆ Looss, 1899b, 667; 1900, 605.
- MIMODISTOMUM Staff., 1904, May 3, 488–489 (m. *augusticaudum*) (μῖμος=imitator).
- augusticaudum* Staff., 1904, May 3, 488–489 (in *Lota maculosa* Le S., *Stitzostedion vitreum* Mit.; Canada).
- MIRACIDIUM Braun, 1892a, 776, refers to the trematode embryo; not used as generic name.
- MONOCÆCUM Staff., 1903, 822 (m. *baryurum*).
- baryurum* Staff., 1903, 822–824, figs. 1–3 (in *Necturus maculatus* Raf.; near Montreal); 1905, 682.—Linst., 1905, 418, 422 (*brachyurum*).
- brachyurum* Linst., 1905, 418, 422, misprint for *M. baryurum*.
- MONOCERCA Wedl, 1861, 478–479 (m. *heterobranchi*).
- heterobranchi* Wedl, 1861, 478–479, pl. 3, fig. 39 (in *Heterobranchus anguillaris*; Cairo, Egypt).—Brand., 1888a, 15, 52; 1890a, 578.—Braun, 1892a, 796.—Linst., 1879a.
- MONOCERCÆ Dies., 1855a, 384; 1858d, 243.—Mont., 1888a, 94.
- MONOCOECUM Linst., 1905, 418, 422, for *Monocæcum* Staff.
- brachyurum* Linst., 1905, 418, 422, for *baryurum*.
- MONOCOTYLA Blainv., 1828a, 556, Trematode fam. name, includes: *Axine*, *Branchiobdella*, *Capsala*, *Epibdella*, *Erpobdella*, *Geobdella*, *Glossobdella*, *Hippobdella*, *Iatrobdelella*, *Ichthyobdella*, *Malacobdella*, *Nitzschia*, *Palæobdella*, *Pontobdella*, *Pseudobdella*.

- MONOCOTYLE Tasch., 1878, 573, 574 (m. *myliobatis*); 1879, 57, 68; 1879, 236.—Braun, 1890a, 412, 415, 442, 484, 511, 516, 517, 523, 530, 531; 1893a, 890; 1896b, 7.—Cerf., 1894, 947; 1898b, 362.—Gamb., 1896a, 73.—Goto, 1893a, 798; 1894a, 229.—Hoyle, 1890, 539 (only one species, *myliobatis*) (in *Myliobatis aquila*).—Jackson, 1888, 653.—Mont., 1888a, 13, 34, 66, 88, 98; 1891, 108; 1892, Oct. 7, 213 (g. of Monocotyliæ); 1903, 335 (subf. Monocotylinæ; f. Monocotyliæ); 1905, 69.—Pratt, 1900a, 646, 650, 656, fig. 21.—St.-Remy, 1898, 523, 541.—Stoss., 1898, 9.
- ijimæ* Goto, 1894a, 230–232 (in *Trygon pastinaca*; Aug., Hiroshima).—Braun, 1896a, 1346.—Cerf., 1895m, 130; 1896, 539, 540; 1898b, 338, 341, 347, 352.—St.-Remy, 1898, 541.
- myliobatis* Tasch., 1878, 574 (in *Myliobatis aquila*; Naples).—Braun, 1890a, 418, 488, 494, 531, 548, 551.—Cerf., 1894, 948.—Hoyle, 1890, 539.—Linst., 1889.—Par. & Perugia, 1890, 6.—Par., 1894, no. 726, 1022, 1059, 1060.—Pratt, 1900a, 656, 657, fig. 21.—Sons., 1890, 173 (in *My. aq.*).—Stoss., 1898, 9.
- MONOCOTYLEA Dies., 1850a, 288, 290, 331, 431 (tribus II of Bdelidea Blainv.), 649 (tribus I of Myzelmintha); 1858, 312, 329.—Braun, 1890a, 515.—Goldb., 1855, 17, 20.—Mol., 1858, 128; 1858, 288.—Mont., 1888, 83, 84.—Stiles & Hass., 1898a, 90, 91.—Tasch., 1879, 233, 234.—Weinland, 1859, 280.
- MONOCOTYLIDÆ Tasch., 1879, 235, 236, 238; 1879, 68.—Braun, 1890a, 516, 517, 523, 526, 530; 1893a, 890; 1896b, 7.—Cerf., 1894, 946, 947, 948; 1898b, 361, 362; 1899a, 411.—Goto, 1899, 291.—Hoyle, 1890, 539 (includes: Calicotyle, Pseudocotyle, Monocotyle).—Jackson, 1888, 653 (includes: Calicotyle, Pseudocotyle, Monocotyle).—Mont., 1888, 15, 34, 86, 88, 97, 108; 1891, 108, 127; 1892, Oct. 7, 197, 213 (f. of Eterocotylea) (raised to fam. from subf. by Leuck.; contains: Pseudocotyle, Callycotyle, Monocotyle); 1903, 336 (includes subf.: Monocotylinæ (g. Monocotyle), Pseudocotylinæ (g. Pseudocotyle=Microbothrium), Calycotylinæ (g. Calicotyle), Anisocotylinæ (g. Anoplodiscus, Merizocotyle, Lophocotyle, Dionchus); 1905, 69, 70.—Pratt, 1900a, 646, 649 (includes: Monocotyle, Calicotyle, Lophocotyle, Dionchus, Merizocotyle, Microbothrium, Pseudocotyle).—St.-Remy, 1891, Dec., 480–481; 1891, Oct., 600.—Stoss., 1898, 8.
- MONOCOTYLIDES St.-Remy, 1891, 225–227 (nervous system of); 1891, 480–481; 1891, 600; 1892, 1 Nov., 45–52, 2 figs. (anatomy of).
- MONOCOTYLINÆ Gamb., 1896a, 73.—Mont., 1903, 335; 1905, 69.—St.-Remy, 1898, 522, 540.
- MONOGENA Mont., 1888, 85, 95, 96 (for Monogenea).
- MONOGENÆA Haswell, 1892a, 457, 458, 460; 1893e, 127, 145 (for Monogenea).
- MONOGENEA Ben., 1858 (Monogénèse, see Brand., 1891d, 7, 9; 1894a, 305.—Braun, 1883a, 58; 1890a, 407, 473, 516, 517, 520, 522; 1891d, 421; 1893a, 888; 1893b, 187, 188; 1895b, 131, 136.—Carus, 1863, 477.—Cerf., 1894, 947.—Dieckhoff, 1891, 245–276, 1 pl.—Gamb., 1896a, 73.—Goto, 1893a, 801.—Haswell, 1892a, 457, 458, 460 (Monogenæa); 1893e, 127, 145 (Monogenæa); 1892, 150.—Hoyle, 1890, 539 (includes: Tristomeæ, Polystomeæ).—Kath., 1894a, 144.—Kholodk., 1899a, 148–149.—Knoch, 1894a, 11.—Kofoid, 1899, 183.—Looss, 1892a, 116; 1893b, 819.—Mont., 1888, 85, 95, 96 (Monogenea); 1903, 334.—Odhn., 1902, 42, 43, 44; 1905, 370.—Pratt, 1900a, 645, 646.—Tasch., 1879, 234.
- MONOGENETICA Haswell, 1893e, 144, 145.
- MONORCHEIDES Odhn., 1905, 319–320 (m. *diplorchis*).
- diplorchis* Odhn., 1905, 318–320, pl. 4, fig. 1 (in *Lumprenus medius*; off Kings Bay, west side of Spitzbergen.)
- MONORCHEIDINÆ Odhn., 1905, 320.
- (MONORCHIS) Mont., 1893, 149, subg. of Dist., 150, 151 [type by absolute tautonymy D. *monorchis*] [not Monorchis Bastian; not Monorchis^a Clerc., 1902, cestode].—Braun, 1893a, 894.—Looss, 1902i, 115–122; 1902k; 1903n; 1905h.—Luehe, 1900, 489.—Odhn., 1905, 319, 320.—Stiles & Hass., 1898a, 91, 98 (type by absolute tautonymy monorchis).
- pachysomum* (Eysenhardt, 1829) Mont., 1893, 151.—Looss, 1902i, 199, type of Haploplanchnus.
- monorchis* (Stoss., 1890) Mont., 1893, 151.

^a Cestode species: *cirrosa*, *crassirostris*, *dujardini*, *filum*, *hirsutum*, *penetrans*, *pseudofilum*.

- MONORCHIS (Mont., 1893), type *monorchis*.—Looss, 1902i; 1902k; 1903n; 1905h.
monorchis (Stoss., 1890) Looss, 1902i, 117, fig. 1 (in *Cantharus orbicularis*, *Oblata melanura*; Triest).
parvus Looss, 1902i, 118, fig. 2 (in *Sargus annularis*, *S. rondeletii*; Triest).
- MONOSICHYA Braun, 1890a, 401. See *Monossichya*.
- MONOSSICHYA Cosmovici, 1887, supergeneric (includes *Monostomum*).—Mont., 1888a, 84, see *Monossichya*.
- MONOSTAMA Ménézin, 1890c, 88, 89, for *Monostoma*.
- MONOSTOMA ^a Zed., 1800a, 16, 147–160 (*Festucaria* Schrank, renamed, hence type *anatis*).—Andral, 1829, 617.—Baillet, 1866b, 107.—Bellingham, 1844a, 335–336.—Ben., 1858a, 1861a, 69; 1870, 363; 1870c, 142.—Ben. & Hesse, 1864, 61.—Blainv., 1828a, 582.—E. Bl., 1847, 303–304.—R. Bl., 1888a, 541, 542.—de Bonis, 1882, 103.—Brand., 1888a, 12; 1892, 504–511 (revision).—Braun, 1883a, 52, 59; 1890a, 514, 515; 1892a, 681, 696, 710, 722, 748, 768, 769, 770, 772; 1893a, 872, 879, 884, 886, 887, 890, 893, 894, 895, 896, 913, 914, 918; 1895b, 121, 128, 134, 137, 154; 1901, 561.—Bremser, 1824, 132.—Burm., 1837, 530.—Carus, 1863, 479.—Cerf., 1894, 946; 1898b, 356 (sp. in *Cygnus musicus*).—Cohn, 1904, 235, 237.—Cosmovici, 1887a, 128, 129.—Crep., 1829, 1, 49 (*Monostomum*); 1839, 285.—Dav., 1877, 73.—Deslongchamps, 1824ee, 551, 555.—Dies., 1834a, 1231; 1850a, 287, 319–331 (syns. *Cucullanus* Mueller [*"Cuculanus"*], *Festuc. Schrank*, *Fasc. Goeze*, *Amphist. Rud.*, *Dist. Zed.*), 400 (syn. of *Amphist.*), 411 (syn. of *Notocotyle*), 414 (syn. of *Aspidogaster* Baer), 609 (of *Numan*; syn. of *Pentast.*); 1855a, 380 (cf. *Cheilost.*), 384; 1855, 62; 1858e, 312, 324–329.—Duj., 1845a, 342–343.—Dunglison, 1893, 1174.—Eichwald, 1829a, 249.—Eiss, 1838, 23.—Fischer, 1840, 156.—Fischder., 1902a, 6.—Gamb., 1896a, 73.—Goldb., 1855a, 17, 27.—Gunther, 1858, 205.—Hahn & Lefèvre, 1884, 806 (of *Rud.*).—L'Herminier, 1826, 10.—Hoyle, 1890, 535, 539 (type *mutabile*).—Jackson, 1888, 644, 654.—Jägers., 1901, 979.—Joy, 1835a, 504.—Kholodk., 1898, 33, 34; 1899a, 153.—Kolenati, 1857, 11.—Kuech., 1855, 180.—Lamarck, 1816, 185–186.—Lamoureux, 1822a, 194.—Leuck., 1863a, 61, 66, 451, 524, 632–633; 1879, 78; 1886d, 34, 59, 64.—Linst., 1901, 2.—Looss, 1885b, 56; 1896b, 147; 1899b, 658; 1901, 192, 193 (*ocreatum* = *Dist. lorum* Meln.; *verrucosum* to *Notocotyle*; *bombynae* = *M. ellipticum* = *Dist. variegatum*; *mutabile* = type of *Cyclocelum*; *prismaticum* = type by elimination); 1902m, 562, 564, 566, 568 (*prismaticum* type after Looss, 1901, but a *distome* after Mont., 1892; *mutabile* type of *Cyclocelum* Brand. in 1892; type of *Monost.* by elimination after Luehe, 1901; see also Looss, 1902m, 707; *mutabile* might be type, Looss, 1902m, 719), 700, 701, 702, 703, 707, 710, 719, 720, 721, 728, 729, 730, 746, 812, 813, 842.—Luehe, 1901, 174, 175; 1901, 481.—Mayer, 1841, 4.—Moniez, [1899a], 159.—Mont., 1888, 7, 11, 64, 69 (*Monostomum*), 71, 73, 83, 84, 93, 106; 1892c, 514–534, figs. 1–22 (sp. in *Box salpa*); 1892d, 23 pp., 22 figs.; 1892, 31; 1892, Oct. 7, 183, 189, 199 (syn. of *Aspidogaster*) (of *Rud.*), 214 (g. of *Monostomidae*); 1892, 709 (*Monostomum*); 1893, 15, 25, 27, 105, 115.—Moul., 1856a, 12, 15.—Nord., 1840, 614, 622–623.—Olfers, 1816, 22, 48.—Par., 1887, 327.—Pratt, 1900a, 645; 1902a, 890.—Rail., 1891, 26.—Ratzel, 1868, in 19 pp.—Rud., 1809a, 5, 20–21, 36–37, 325, pl. 12, fig. 5; 1819a, 82, 340, 583.—Schneidemuehl, 1896, 295.—Schneider, 1866, 334.—Sieb., 1854, 20, 29.—Stiles, 1902s, 28.—Stoss., 1893, 63.—Tasch., 1879, 232, 233, 258 (syn. of *Aspidogaster* Baer); 1879, 611.—Villot, 1878, 19.—Vogt,

^a *Monostoma* represents a complicated case, so far as its type is concerned, and well represents "a ship without a rudder."

There can be no question but that *Monostoma* was a deliberate renaming of *Festucaria* 1788, the name being changed for purely subjective reasons. The fact that Zeder did not specifically mention the original species of *Festucaria* does not seem to bear upon the question, for he gave "die mir bekannten Arten," and he refers to the original reference of *Festucaria*; thus the case is similar to *Tænia* Linn., 1758a, renamed *Alyselminthus* Zed., 1800. In our opinion the type must be the same as that of *Festucaria*, and this has been fixed by elimination to *Festucaria anatis*. The question whether or not this is a species inquirenda can not, so far as we see, come up at present. A deliberate renaming deserves to be treated in only one way and, logically, we see only one way to treat it.

Hoyle (in 1890, probably 1888, possibly earlier) designated *mutabile* as type of *Monostoma*. Looss (1901) by elimination designated *prismaticum* as type.

Had *Monostoma* not been a case of renaming, we should accept Hoyle's designation.

MONOSTOMA—Continued.

- 1878, 9, 10.—Wagener, 1854, 10–11; 1883, 122.—Wallenstedt, 1847, 7.—Walter, 1892, 11 July, 248–250 (in intestine of turtle).—Wedl, 1855, 380, pl. 2a, fig. 14 (sp.).
- 1815: *Monostomeus* Rafinesque, 1815, 151, *Festucaria* renamed.
- 1829: *Monostomum* Crep., 1829, 1, 49, for *Monostoma*.
- 1888: *Monostomum* Mont., 1888a, 69, misprint.
- 1891: *Monostomum* Brand., 1891d, 19, misprint.
- 1892: *Monostomum* Mont., 1892, 709, misprint.
- 1904: *Monostromum* Linst., 1904, 254, misprint.
- acreatum* Stoss., 1892, 18, misprint for *ocreatum*.
- aculeatum* Linst., 1879b, 338 (in *Testudo græca*; loc. not given); 1889.—Brand., 1892, 509.—Braun, 1893a, 915; 1899, 630; 1901a, 13, 14.—Looss, 1899b, 567.—Luehe, 1899, 528.—Mont., 1892, 686, 687, 697, 705, 715.—Stoss., 1895, 224 (=Dist. *linstowi* Stoss.); 1898, 43 (in *Test. gr.*; Triest).
- affine* Leidy, 1858, 110–111 (t. h. *Fiber zibethicus*; U. S. A.); 1904a, 111.—Brand., 1892, 510.—Braun, 1893a, 875, 915; 1893d, 466 (in *F. zib.*); 1901e, 344.—Dies., 1859c, 425.—Mont., 1892, 685, 696, 697, 698, 703, 711.
- album* Kuhl & van Hasselt, 1822a; 1824a, 311 (in *Chelonia midas*; Iles des Cocos).—Braun, 1899b, 721, 723–724; 1901a, 38, 44, 45–48, 52.—Crep., 1846, 146.—Dies., 1850a, 325 (=M. *trigonocephalum* Rud.).—Looss, 1899b, 667, 756, 762 (type of *Cricoccephalus*); 1902m, 531.—Shipley, 1900, 532.
- alveatum* Mehlis, in Crep., 1846, 142 (in *Anas fusca*, A. *glacialis*), 143 (in A. *leucophthalma*, A. *mollissima*, A. *penelope*), 144 (in *Cygnus musicus*).—Brand., 1892, 508.—Braun, 1893a, 879.—Cobbold, 1860a, 40.—Cohn, 1904, 229 (of Mueh., 1898) (syn. of M. *alveiforme* Cohn), 230.—Crep., 1846, 141, 142–144; 1851, 291.—Dies., 1850a, 331 (in *Anas fusca*, A. *glacialis*, A. *marila*, A. *mollissima*, A. *musicus*, A. *penelope*); 1858e, 328 (in *Anas anser ferus*).—Looss, 1899b, 662.—Mont., 1892, 38, 39, 41 (to *Notocotyle*); 1892, 706, 709.—Mueh., 1898, 19 (in *Fuligula marila*; Pillau); 1898, 31, 101–102, fig. 3.—Reported also for *Anas bernicla*, A. *cinereus*.
- alveiforme* Cohn, 1904, 230 (*alveatum* Mehlis of Mueh., 1898, renamed).
- amiuri* Staff., 1900, 402–403, fig. 2 (in swim bladder of *Amiurus nebulosus*); 1904, May 3, 495 (Canada).
- angustum* Schlotthauber, 1860, 129 (int. of *Scolopax gallinago*).
- arcuatum* Brand., 1892b, 507 (to *Cyclocelum*) (in aquatic birds), 508.—Braun, 1893a, 915; 1899, 467.—Looss, 1899b, 660, 661.—Stoss., 1902, 5, 6, 21, to *Cyclocelum* (syns. *Monost. mutabile* of Sieb., 1835, 49, pl. 1; Dies., 1858, 325; Dav., 1877a, lxxiii; Mueh., 1898, 31) (in *Anas clangula*; Berlin, supposed to be based on Brandes' orig. material) (also in *Anas dom.*; Berlin).
- armatum* Mayer, 1841a, 4, *Echinorhynchus* renamed.
- asperum* Nitzsch, in Crep., 1849a, 71 (in *Anas fuligula*); in Giebel, 1857, 265 (in *Mergus albellus*, *Anas clangula*).—Brand., 1892, 507.—Braun, 1893a, 871.
- asperum* Vaillant, 1863, 347–348 (in *Siren lacertina*).—Mont., 1892, 715.
- attenuatum* Rud., 1809a, 328–329 (t. h. *Scolopax gallinago*, *ceca*; Greifswald) (to *Monost.* (*Monost.*)); 1819a, 84.—Baillet, 1866b, 107.—Bellingham, 1844a, 336.—Brand., 1892, 508.—Braun, 1891, 90; 1891d, 434 (in *Anas boschas*); 1893a, 874, 879, 916.—Cobbold, 1860a, 40.—Crep., 1839, 285; 1846, 141–142, 144–145; 1849, 1, 71; 1851, 1, 290.—Dav., 1877a, lxxiii.—Dies., 1850a, 322–323; 1858e, 325 (in *Anas tadorna*, A. *penelope*, A. *albifrons*, A. *marila*).—Duj., 1845a, 350.—Hass., 1896a, 3 (syn. of *Notocotyle verrucosum* (Frølich)).—Looss, 1896, 192; 1899b, 662, 663.—Luehe, 1898, 625.—Mol., 1859, 824–825 (in *Anas clangula*, A. *clypeata*, A. *ferina*, A. *fuligula*, A. *fusca*, A. *musicus*, *Anser dom.*, *Mergus merganser*, M. *serrator*).—Mont., 1892, 38, 39, 41 (syn. of *Notocotyle verrucosum* Frølich); 1892, 706, 709.—Mueh., 1898, 31.—Nicol, 1906, 515 (in *Harelda glacialis*).—Olfers, 1816, 48.—Rail., 1893a, 338 (of Mol.=M. *mutabile* Zed.), 340 (of Rud.=*Notocotyle verrucosum*).—Schlotthauber, 1860, 129.—Reported also for *Anas glacialis*, *Anser cinereus*, *Cygnus musicus*, *Fuligula cristata*, F. *ferina*.
- bijugum* Miescher, (1838a), pp. 28, pl. 1; 1838b, 154–158.—Baird, 1853a, 45.—Ben., 1858a, 1861a, 179, 188, 198, 200, 201.—Brand., 1891b, 265.—Dies., 1850a, 321 (syn. of M. *fabia* Bremser).—Nord., 1840, 616, 625 (syn. M. *fabia*).—Sieb., 1839, 160–162.—Tasch., 1879, 608 (syn. of M. *fabia*).

MONOSTOMA—Continued.

- bipartitum* Wedl, 1855, 378–380, 393, pl. 1a, figs. 11–13 (t. h. *Thynnus vulgaris*).—Ariola, 1902, 100, 101 (of Wagener, form 2, syn. of *Didymocystis reniformis*), 103 (of Wedl, and of Wagener, form 1, syn. of *Didymost. bipartitum*, type), 105 of Wagener, form 3, syn. of *Didymocystis wedli*).—Braun, 1892a, 573, 660; 1893a, 894.—Darr, 1902, 661.—Dies., 1858e, 327 (in *Thyn. vulg.*); 1859c, 426.—Gamb., 1896a, 71.—Leuck., 1863a, 453.—Mont., 1888a, 9, 93; 1892, 714.—Par. & Perugia, 1889 or 1890, 746 (syn. of *Didymozoon thynni* Tasch.); 1893, 2.—Stoss., 1898, 62.—Tasch., 1879, 72; 1879, 606, 611, 612 (syn. of *Didymozoon thynni* Tasch.).—Wagener, 1858, 250, 252–256, pl. 10, figs. 1–10 (in *Thynnus vulgaris*; Nicæe).
- blainvillei* Cobbold, 1860a, 39 (Monost. *délphini* Blainv., renamed) (in *Delphinus dalei*).—Mont., 1892, 712.
- bombynæ* Zed., 1800a, xvi, 151, 160 (t. h. *Rana bombya*, lungs; Europe); 1803a, 190.—Baird, 1853a, 53 (= *Dist. variegatum*).—Dies., 1850a, 322 (syn. of *M. ellipticum* Rud.).—Looss, 1894a, 71 (syn. of *Dist. variegatum* Rud.); 1901, 192.—Rud., 1809a, 333 (= *M. ellipticum*).
- braunii* Cobbold, 1860a, 43 (*M. murænulæ* Rud.) (in *Coregonus murænula*).
- caouanæ* Kollar, in Braun, 1901b, 23 (syn. of *Enodiotrema megachondrum*) (in *Thalassochelys caouana* = *T. caretta*).
- capitellatum* Rud., 1819a, 83, 343 (to Monost. (Monost.)) (t. h. *Sparus salpa*; Naples).—Barbagallo & Drago, 1903, 411 (in *Box salpa*; Catania).—Brand., 1892, 509.—Braun, 1891d, 421; 1892a, 765, 766, 784, 786; 1893a, 915; 1893b, 178, 179.—Carus, 1884, v. 1, 112, 122.—Cobbold, 1860a, 42 (in *Box salpa*, *Scomber scombrus*).—Creutzburg, 1890a, 21.—Dies., 1850a, 326; 1858e, 327 (in *B. sal.*).—Duj., 1845a, 360–361.—Fil., 1855b, 25.—Florance, 1866a, 5.—Kroyer, 1838–40a, 595 (in *Scom. scom.*).—Leuck., 1863, 491, fig. 166; 1879, 39, fig. 16; 69; 1886d, 30, 69, fig. 16.—Looss, 1899b, 669; 1902m, 730 (as possible type of Monost., if Rud., 1819, were taken instead of Linn., 1758).—Luehe, 1901, 59, 60.—Mont., 1892, 4–12; 1892, 16 (of Carus, 1884, 112, partim, Par., Setti, Stoss. = *M. stossichianum* Mont.); 1892, 685, 686, 687, 688, 689, 694, 695, 696, 697, 698, 699, 700, 702, 703, 704, 705, 716; 1893, 15, 24, 83, 84, 104, 115, 116.—Par., 1886, 5, 7; 1887, 489.—Setti, 1891, 4 (= *M. stossichianum* teste Mont.).—Stoss., 1883, 112, pl. 2, fig. 9 (= *M. stossichianum* teste Mont.); 1898, 64.—Wagener, 1857, 26, 27, 45, 101, pl. 19, fig. 5.—Will.-Suhm, 1873, 342.
- caryophyllinum* (Rud., 1802) Zed., 1803a, 189; to Monost. (Hypost.) by Rud., 1809a, 323.—Baillet, 1866b, 108.—Blainv., 1828a, [probably type of Hypost.].—Brand., 1892, 508.—Braun, 1893a, 915.—Bremser, 1824, 132, pl. 8, figs. 1–2.—Cobbold, 1858b, 156, pl. 31, figs. 2, 3 (in *Gasterosteus aculeatus*).—Crep., 1825a, 80; 1839, 285.—Dav., 1877a, lxxiii.—Dies., 1850a, 328 (in *Gast. acul.*, *Gyphæ*; *Anas boschas dom.*, Berlin).—Duj., 1845a, 360.—Gurlt, 1838, 229.—Kroyer, 1838–40a, 187 (in *Gast. acul.*).—Lamarck, 1816b, 186.—Mont., 1892, 717 (*caryophyllum*).—Nord., 1840, 623.—Olfers, 1816, 48.—Rail., 1893a, 339.—Risso, 1826, 262.—Rud., 1809a, 325–326, pl. 9, fig. 5; 1819a, 82.—Sieb., 1839, 169.—Verrill, 1870, 179 (of Bremser).
- caryophyllum* Mont., 1892, 717 (for *caryophyllinum*).
- cercatum* Ben., 1858a, 1861a, 179 [possibly lapsus for — ? —].
- cochleariforme* Rud., 1809a, 326–327, 410 (*Festuc. cyprinacea* Schrank, 1790, renamed) (to Hypost.) (in *Cyprinus barbus*); 1819a, 82–83.—Brand., 1892, 507.—Braun, 1893a, 916.—Dies., 1850a, 329 (syns.: *Festuc. cyp.*, *Dist. punctatum* Zed.) (in *Barbus communis*).—Duj., 1845a, 362.—Kroyer, 1846–53a, 333 (in *Barbus fluviatilis* Ag.).—Lamarck, 1816b, 187.—Mont., 1892, 685, 696, 698, 704, 716, 717.—Nord., 1840, 624 (syn. *Festuc. cyp.*).—Olfers, 1816, 48.—Stoss., 1890, 132.
- conicum* Zed., 1803a, 188 (*Festucaria cervi* Zed., 1790 renamed).—Dies., 1836, 247; 1850a, 401 (to Amphist.).—Fischder., 1901, 368 (syn. of *Paramphist. cervi*, type); 1902a, 11 (syn. of *P. cervi*); 1903h, 540.—Nitzsch, 1819, 398 (to Amphist.).—Nord., 1840, 627 (to Amphist.).—Rud., 1809a, 349 to Amphist., 350.—Stiles, 1898a, 64.—Ward, 1895, 256 (to Amphist.), 332 (in *Bos taurus*), 335 (in *Ovis aries*).
- constrictum* Dies., 1850a, 322 (t. h. *Abramis brama*; eye); 1855, 62, pl. 2, figs. 3–5; 1858e, 325.—R. Bl., 1888a, 542.—Brand., 1892, 511, to *Diplostomulum*.—Braun, 1893a, 871.—Kroyer, 1852–53a, 1223 (in *Abramis brama* L.).—Moniez, 1896, 154.—Mont., 1888a, 7; 1892, 716, 717.—Sramek, 1901, 108 (see *Dist. retroconstrictum*).

MONOSTOMA—Continued.

- cornu* (Zed., 1800) Rud., 1819a, 85, 90, 345–346 (in *Ardea cinerea*, A. *nycticorax*).—Brand., 1892, 507.—Braun, 1893a, 916.—Dies., 1850a, 327.—Duj., 1845a, 349–350.—Mont., 1892, 706.
- cotti* Linst., 1889a, 80, based on Zschokke, 1884, 204–205 (in *Cottus gobio*; Lake Leman), ? syn. *M. maranulke*.—Braun, 1893a, 871.—Mont., 1892, 685, 716, 717.
- crenulatum* Rud., 1809a, 328, to Monost. (Monost.) (t. h. *Motacilla phœnicurus*; Greifswald); 1819a, 84.—Brand., 1892, 510.—Braun, 1893a, 915.—Dies., 1850a, 327.—Duj., 1845a, 348.—Lamarck, 1816b, 187.—Mont., 1892, 713, 714 (in *Lusciola phœnicurus*).—Nord., 1840, 624 (in *Mot. phœn.*).—Olfers, 1816, 48.—Stoss., 1898, 23.
- crucibulum* Rud., 1819a, 83, 342–343 to (Monost.) (t. h. *Muraena conger*, *M. cassini* (*M. myroides*); Naples).—Dies., 1850a, 321–322; 1859c, 425, 437 (to *Gasterost.*).—Duj., 1845a, 363–364.—Kroyer, 1846–53a, 615 (in *Anguilla conger* L.).—Odhn., 1905, 305 (to *Prosorhynchus*).—Stoss., 1898, 60.—Tennent, 1906, 639, 640 (to *Gasterost.*).
- cucumerinum* (Rud., 1809) Braun, 1899f, 468.—Stoss., 1902, 9, 32 (to *Typhlocœlum*).
- cymbium* Dies., 1850a, 320 (t. h. *Himantopus wilsonii*; Caïçara, Brazil); 1855a, 63, pl. 2, figs. 1–2; 1858e, 324.—Brand., 1892, 509.—Braun, 1892a, 642, 700; 1893a, 873, 915; 1893b, 179; 1901b, 48.—Looss, 1902m, 701.—Mont., 1892, 27 (syn. of *M. flavum*); 1892e, 683–718, figs. 1, 2, 4, 6, 8, 9, 10, 11; 1892, 707 (syn. of *M. flavum* Mehlis); 1892, Oct. 7, 183; 1892f, 47 pp., 11 figs.; 1893, 19, 83, 84, 115, 116, 117.—Stoss., 1902, 4, 6, 7 (*cyumbium*), 27, 28 (to *Hæmatotrephus*).
- cyprinæ* Leach in Johnston, 1865a, 35 (on *Cyprina islandica*; Plymouth), as syn. of *Malacobdella grossa*.
- cyumbium* Stoss., 1902, 7, for *cymbium*.
- delicatum* Dies., 1850a, 325 (*Dist. testudinis* Rud., 1819a, 121, renamed) (t. h. *Emys europæa*, *Halichelys atra*; Mus. Vien.).—Brand., 1892, 510.—Braun, 1893a, 915; 1899, 628; 1899b, 715, 721, 722; 1901b, 54.—Mont., 1892, 685, 714.—Also reported for *Emys lutraria*.
- delphini* Dies., 1850a, 330 (in *Delphinus dalei*) based on Blainv., 1825a, 141 and 1825b, 212–214 (on *Delphinus* sp.; Havre).—Ben., 1870, 358.—Braun, 1893a, 870.—Cobbold, 1879b, 421.—Mont., 1892, 711.—See also *M. blainvillei*.
- dubium* Cobbold, 1858b, 156, pl. 31, figs. 4–5 (t. h. *Gasterosteus spinachia*); 1879b, 463.—Brand., 1892, 511 (to *Monostomulum*).—Braun, 1893a, 871.—Mont., 1892, 717.
- dujonii* Braun, 1893a, 917, for *dujonis*.
- dujonis* Leuck., (1874), 419 (in *Halicore dujong*), teste Mont., 1892; 712.
- echinatum* Linst., 1878, 223–224, fig. 6 (in *Pandion haliaëtus*); 1889.—Brand., 1892, 509.—Braun, 1892a, 570, 586; 1893a, 915.—Mont., 1892, 685, 686, 687, 694, 697, 698, 699, 702, 705, 713, 714.
- echinostomum* Dies., 1850a, 326 (t. h. *Cathartes aura*, *Sula fusca*; Brazil) (includes *Dist. planicolle* Rud., 1819a, 686, from *Pelecanus sula*; Brazil); 1855, 63, pl. 2, figs. 14–16; 1858e, 327.—Brand., 1892, 506.—Braun, 1892a, 584; 1901, 567; 1902b, 28 (syn. of *Anoictost.* (?) *planicolle*).—Mont., 1888, 8, 14; 1892, 706, 710.
- elaphi* (Gmelin, 1790) Zed., 1800a, xvi, 150.—Fischder., 1902a, 11 (syn. of *Paramphist. cervi*); 1903h, 504, 506.—Rud., 1809a, 350 (= *Amphist. conicum*).—Stiles, 1898a, 64.
- ellicticum* Mont., 1892, 715 (for *ellipticum*).
- ellipticum* Rud., 1809a, 333 (*Mon. bombyne* Zed., 1800, renamed) to (Monost.); 1819a, 84–85 (in *Bufo igneus*, Berlin; *B. cinereus*), 344–345.—Baird, 1853a, 53 (= *Dist. variegatum* Crep.).—Blainv., 1828a, 582.—Brand., 1892, 507.—Braun, 1893a, 876, 881, 915.—Bremser, 1824c, pl. 8, figs. 12–14.—Cobbold, 1860a, 41.—Dies., 1850a, 322 (in *Bombinator igneus*, Berlin; *Phryne vulgaris*) (syn. *M. bombyne* Zed.), 355.—Duj., 1845a, 359.—Eichwald, 1829a, 249.—Looss, 1894a, 71, 72, 80 (syn. of *Dist. varieg.* Rud.); 1899b, 660; 1901, 192 (*M. bombyne*).—Mont., 1892, 715 (*ellicticum*).—Nord., 1840, 625.—Olfers, 1816, 48.—Par., 1894, 168.—Schlotthauber, 1860, 129.—Sieb., 1835, 56.—Stoss., 1889, 62 (= *Dist. varieg.*); 1898, 35; 1902, 5.—Reported for *Bufo igneus*, *B. vulgaris*, *Rana bombina*, *R. esculenta*.
- expansum* Crep., 1842, 327 (t. h. *Aquila haliaëtus*).—Brand., 1892, 508.—Braun, 1893a, 915.—Dies., 1850a, 321 (in *Falco haliaëtus*; *Gryphæ*).—Duj., 1845a, 345–346.—Jägers., 1901b, 979–983, 1 fig. (to *Tocotrema*); 1902a, 356–357; 1903a, 1.—Mont., 1895, 685, 686, 694, 696, 697, 698, 699, 700, 703, 713, 714.

MONOSTOMA—Continued.

- jaba* Bremser in Schmalz, 1831, 11-16, pl. 6, figs. 1-9 (in *Parus major*, *Sylvia sibilatrix*, *Motacilla boarula*); 1839b, 1-8, pl. 1, figs. 1-2.—Baird, 1853, 45.—Brand., 1892, 509.—Braun, 1892a, 567, 642, 747, 751, 784; 1893a, 877, 879, 894, 915; 1893d, 468.—Cobbold, 1860a, 38, to Wedlia.—Crep., 1839b, 1-8, pl. 1, figs. 1-2; 1839a, 285.—Dav., 1877a, lxxiii.—Dies., 1850a, 320-321 (syns. *M. bijugum* Miescher, *Globularia Rolando*) (in *Fringilla spinus*, *F. canaria*, *F. domestica*, *Motacilla boarula*, *Parus major*, *Sturnus vulgaris*, *Sylvia sibilatrix*, *S. trochilus*).—Duj., 1845a, 346-348.—Leuck., 1863, 453.—Linst., 1904, 254 (*Monostromum*).—Looss, 1893b, 810.—Mont., 1888a, 9, 18, 93; 1892, 697, 699, 704, 713, 714.—Mueh., 1898, 31.—Nord., 1840, 625 (syn. *M. bijugum*).—Par., 1887, 327-329, pl. 6, fig. 36.—Rail., 1898, Oct., 628-629 (in *Garrulus glandarius*).—Sieb., 1839, 160, 161.—Tasch., 1879, 608 (syn. *M. bijugum* Miescher).—Reported also for *Cyanocitta cristata*, *Emberiza cirrus*, *Ficedula sibilatrix*, *F. trochilus* L., *Saxicola oenanthe*, *Motacilla alba*, *Passer domesticus*, *Sylvia* sp.
- filarinum* (Ben., 1858) Dies., 1859c, 426-427, as sp. inq.—Mont., 1893, 137.—Reported for *Sciaena umbra*.
- filicollis* Rud., 1819a, 85-86, 347-348 (t. h. *Brama raji* (*Sparus raji*); Naples) to (*Monost.*).—Ariola, 1906, 184; 1906, v. 30, 185-186.—Ben., 1858a, 1861a, 104, 105 (to Dist.).—Braun, 1892a, 572.—Cobbold, 1860a, 31 (type of *Köllikeria*).—Dies., 1850a, 359 (syn. of *Dist. okenii*).—Duj., 1845a, 361.—Kroyer, 1838-40a, 219, 594 (in *Pagellus centrodontus* Cuv., *Brama raji* Bl.).—Mont., 1893, 150.—Stiles & Hass., 1898a, 91, 98.—Tasch., 1879, 608.
- filigerum* Rud.—Risso, 1826, 262 (de la castagnolle).
- filum* Duj., 1845a, 362 (t. h. *Scomber scombrus*).—Ben., 1870c, 140, 141, 142.—Braun, 1892a, 660, 784, 786.—Dies., 1850a, 327; 1858e, 328 (in *Exocoetus exiliensis*).—Kroyer, 1838-40a, 595 (in *Sc. sc.*).—Leuck., 1863a, 490.—Mont., 1888, 72; 1892, 716.—Mueller, 1894, 121-122 (in *Ex. evolans*, *E. exiliensis*).—Par., 1894, 168.—Par. & Perugia, 1893, 1, 2, 3, of Wagener (syn. of *Didymozoon exocæti*).—Wagener, 1854, 10; 1857, 25, 52.—Reported also for *Brama rayi*.
- flavum* Mehlis, 1831, 172 (t. h. *Anas mollissima*, *A. fusca*, *A. marila*, *A. fuligula*).—Baillet, 1866b, 96, 107.—Ben., 1858a, 1861a, 171.—Brand., 1892, 507.—Braun, 1892a, 587, 673, 764, 768, 784, 785, 786, 788, 805; 1893a, 858, 866, 873, 876, 915; 1895b, 17; 1899, 467; 1902b, 20.—Cohn, 1904, 229 (syns.: *Typhlocœlum* Stoss., *Cyclocœlum* Brand.).—Crep., 1837, 314, 324.—Dies., 1850a, 324; 1858d, 245; 1858e, 325-326 (adult in *Anas mollissima*, *A. fusca*, *A. marila*, *A. fuliginosa*, *Mergus albellus*, *M. serrator*, young in *Fringilla dom.*, larva in *Planorbis corneus*).—Duj., 1845a, 355.—Gamb., 1896a, 72.—Leuck., 1863a, 491, 515.—Levin., 1881a, 57.—Linst., 1873, 1 (young, *Glenocerc. flava*); 1903, 279.—Looss, 1899b, 660.—Magalhães, 1899, 259, 260.—Mont., 1888a, 73, 76; 1892, 17-28; 1892, 683, 685, 686, 687, 696, 697-698, 699, 700, 704, 706, 707-708, 709-710, 711, 713, figs. 3, 7 (syn. *M. cymbium* Dies.) (in *Anas fuliginosa*, *A. fusca*, *A. marila*, *A. mollissima*, *Himantopus wilsonii*, *Mergus albellus*, *M. serrator*).—Moul., 1856a, 23, 207, 208.—Mueh., 1898, 31.—Nord., 1832a, 85, 93; 1840, 617.—Par., 1896, 2.—Schneidemuehl, 1896, 303.—Sieb., 1835, 66, 82.—Ssinitzin, 1905, 158-159; 1906, 687.—Stoss., 1902, 2, 5, 6, 7, 9, 18 (of *Par. syn. of Cyclocœlum robustum* Stoss.), 28, 30, 31 (of Mehlis to *Typhlocœlum*), 33 (of Magalhães, syn. of *Typhlocœlum* sp.).—Also reported for *Fuligula marila*, *Grus cinerea*.
- foliaceum* Rud., 1819a, 83, 340-342 (t. h. *Accipenser sturio*; Arimini) to (*Monost.*).—Blainv., 1828a, 582.—Braun, 1889i, 440; 1891d, 421; 1894a, 1147.—Bremser, 1824a, 132; 1824c, pl. 8, figs. 3-7.—Dies., 1836, 240; 1850a, 319-320 (in *Accipenser sturio*, *A. glaber*, *A. stellatus*); 1858e, 324 (in *Accipenser sturio*, *A. nasus*); 1859c, 425 (syn. *Amphilina foliacea* Wagener).—Duj., 1845a, 364.—Grimm, 1871, 499-502.—Kroyer, 1852-53a, 778 (in *Acip. stu.*).—Macé, 1882, 64.—Mol., 1858, 128; 1861, 197.—Mont., 1892, 2.—Nord., 1840, 625.—Salensky, 1874, 16 Sept., 291-292, pls. 28-32.—Villot, 1876, 1345; 1878, 16.—Wedl., 1855, 380-382, 394, pl. 2a, fig. 15; 1855, 399-400, pl. 1b, fig. 6.—Also reported for *Acipenser guldenstädtii*.
- galeatum* Rud., 1819a, 86, 349-350 (t. h. *Centronotus glaucus*; Naples) to (*Monost.*).—Braun, 1893a, 915.—Dies., 1850a, 327.—Duj., 1845a, 362.—Mont., 1892, 685, 686, 697, 698, 699, 702, 703, 704, 716.—Stoss., 1887, 90; 1898, 62.—Reported also for *Lichia amia*, *L. glauca*.
- gemellatum* Mont., 1892, 716, for *gemellum*.

MONOSTOMA—Continued.

- gemellum* Steenstrup, 1860, 113 (in *Sphyræna baracuda*).
- geminum* Bremser, in Schmalz, 1831, 13 (for *M. faba* Bremser).—Baird, 1853a, 45 (= *M. faba*).
- gibbum* Mehlis in Crep., 1846, 137 (t. h. *Fulica atra*).—Also reported for *Gallinula chloropus*.
- gracile* Rud., 1809a, 326 (t. h. *Salmo eperlanus*) to (Hypost.); 1819a, 82.—Brand., 1892, 508.—Dies., 1850a, 328–329.—Duj., 1845a, 363.—Kroyer, 1846–53a, 20 (in *Osmerus eperlanus* L.).—Lamarck, 1816b, 186–187.—Mont., 1892, 717.—Nord., 1840a, 623–624.—Olfers, 1816, 48.—Stoss., 1902, 5.
- gurltii* Cobbold, 1860a, 42 (in *Lacerta agilis*) (includes: *M. sp.* Gurlt, *M. lacertæ* Dies., *Dithyridium lacertæ* Valenc., *D. lacertæ viridis* Rud., *D. lacertæ muralis* Rud., *Petrathyrus obesus* Crep., *Piestocystis dithyridium* Dies.).
- hepaticum suis* Willach, 1893, 40–42; 1893, 26 Sept., 438; 1893, Mar., 124; 1894 (IV, 2), 874.—Braun, 1894g, 128–129 (= *Cysticercus tenuicollis*); 1894h, 755.—Stiles, 1898a, 28, 96.
- himantopodis* Rud., 1819a, 87 (in *Charadrius himantopus*; Cat. Mus. Vien.).—Dies., 1850a, 323 (syn. of *M. mutabile* Zed.).—Mont., 1892, 707.—Stoss., 1902, 1.
- hippocrepis* Dies., 1850a, 324 (t. h. *Hydrochærus capybara*; Brazil); 1855, 63, pl. 2, figs. 6–9; 1858e, 326.—Brand., 1892, 508.—Braun, 1892a, 568, 584, 709; 1893a, 874, 915; 1901b, 344–346, pl. 19, fig. 10.—Looss, 1902m, 610.—Mont., 1888, 54; 1892, 685, 686, 694, 695, 696, 697, 698, 700, 703, 704, 711.—Also reported for *Cavia capybara*.
- histrix* Mol., 1858, 128 (t. h. *Pelophylax esculentus*; Patavii); 1861, 197–198, pl. 1, fig. 12.—Braun, 1892a, 583 (*hystrix*); 1893a, 881, 916.—Dies., 1858e, 328 (in *Pe. esc.*).—Mont., 1892, 685, 697, 698, 699, 700, 702, 705, 715, 716 (*hystrix*).—Par., 1894, 168.
- holostomoides* Mehlis in Crep., 1846, 138 (t. h. *Colymbus cristatus*).—Brand., 1892, 509.—Braun, 1893a, 915.—Cohn, 1904, 230.
- hyalinum* Schlotthauber, 1860, 129 (in *Machetes pugnax*).
- hystrix* Brand., 1892, 506 (in *Rana esculenta*), for *histrix*.
- idi* Rud., 1819a, 87 to (?Hypost.) (t. h. *Cyprinus idus*).—Dies., 1850a, 414 (syn. of *Aspidogaster limacoides* Dies.).—Mont., 1892, Oct. 7, 202 (syn. of *Asp. lim.*).
- ignotum* Nicoll, 1906, 514 (in *Hæmatopus ostralegus*), sp. inq.
- impudens* Crep., 1846, 149 (t. h. *Squalus griseus*).
- incommodum* Leidy, 1856, 43 (t. h. *Alligator mississippiensis*; Florida); 1891a 414, (to Dist.) 1904a, 85.—Brand., 1892, 510.—Braun, 1893, 872, 915.—Cobbold, 1860a, 42.—Dies., 1858e, 329 (in *All. miss.*).—Mont., 1892, 714, 715.—Pavesi, 1881, 294.—Will.-Suhm, 1870, 11.
- isabellinum* Ratzel, (1868), 153, t. h. *Gadus æglefinus*.—Linst., 1878a, 223 (= *Rhipidocotyle gracilescens* (Rud.)).—Stoss., 1898, 61.
- kuhni* Cobbold, 1860a, 39 (*M. leporis* Kuhn, renamed) (in *Lepus cuniculus*).—Rail., 1893a, 339 (= *M. leporis* Kuhn).—See *Cysticercus pisiformis*.
- lacertæ* Dies., 1850a, 331 (t. h. *Lacerta agilis*) (syn. *Dist. ammon*); for *M. sp.* Gurlt, 1838, 229; 1858e, 328 (syn. *Tetrathyrus obesus*; cf. *Piestocystis dithyridium* Dies., 1850a, 495).—Crep., 1851, 1, 192.
- lacteum* Jægers., 1896a, 165, 167–177, pl. 9, figs. 1–9 (in *Cottus scorpius*); 1896b, 179–180; 1898, 15; 1900, 736.—Braun, 1899b, 724; 1901b, 47.—Looss, 1899b, 671.—Maclaren, 1904, 583.—Ward, 1901, 180.—Type of *Galactosomum* 1899.
- lanceolatum* Wedl, 1858, 251–252, pl. 1, figs. 15–17 (t. h. *Himantopus rubropetereus*).—Brand., 1892, 508.—Braun, 1892a, 586, 673, 764, 766, 784, 786; 1893a, 876, 915.—Dies., 1858e, 325 (in *Him. melanopterus*) 707 (syn. of *M. mutabile* Zeder).—Linst., 1878a, 132.—Mont., 1892, 26; 1892, 691, 706.—Par., 1896, 2.—Stoss., 1902, 2, 4, 5, 23 (to *Hæmatotrephus*).
- lentis* Gescheidt, 1833, 421, 445 (in *Homo*).—Assenova, 1899, 29.—E. Bl., 1846, 342.—R. Bl., 1888a, 542, 543; 1895, 729.—de Bonis, 1882, 180.—Braun, 1883a, 59; 1893a, 870; 1895b, 155; 1903, 3 ed., 151.—Cobbold, 1876, 211.—Dav., 1877a, lxxiii, 820, 822.—Dechambre, 1875a, 196 (of Nord.).—Dies., 1850a, 329 (in *Homo*); 1858e, 328.—Dunglison, 1893a, 821, 1174; 1895, 21 ed., 821, 1174.—Eiss, 1838, 23.—Gamb., 1896, 63.—Guenther, 1858, 205.—Hoyle, 1890, 538.—Huber, 1896, 501.—Ijima, 1889b, 122.—Kholodk., 1898, 34; 1899a,

MONOSTOMA—Continued.

- 153.—Kuech., 1855, 180–182.—Kuech. & Zuern, 1882, 285.—Leuck., 1863, 526, 633–634.—Moniez, 1896, 86, 152, 153.—Mont., 1892, 713 (of Nord.).—Mosler & Peiper, 1894, 185.—Rayer, 1843, 114, 116, 149.—Stiles, 1898a, 48; 1902, 25, 27, 28; 1905, 54.—Swart, 1862, 34.—Vogt, 1878, 10; 1878, 13.—Wagner, 1876, 122; 1883, 122.—Ward, 1895, 328 (in Homo); 1903, 866 (syn. of *Agamodist. ophthalmobium* Dies.).—Weinland, 1859, 280.—Wood & Fitz, 1897, 335.
- leporis* Kuhn, 1829, 464, pl. 11, figs. 6–7 (t. h. *Lepus cuniculus*).—Baillet, 1866b, 107.—Brand., 1892, 510.—Cobbold, 1860a, 39 (renamed *kuhni*); 1879b, 318.—Dav., 1877a, lxxiii.—Dies., 1850a, 330.—Mont., 1892, 42; 1892, 712, 713.—Rail., 1890, 132–133; 1893a, 216, 339 (= *Cysticercus pisiformis*); 1893, 339.—Stiles, 1902s, 27; 1906, 42.
- liguloideum* Dies., 1850a, 320 (t. h. *Vastres cuvieri*; Borbæ, Brazil).—Brand., 1892, 506.—Braun, 1892a, 567, 586; 1893a, 916; 1894a, 1147.—Dies., 1850a, 320; 1855, 62, pl. 1, figs. 25–29; 1858e, 324.—Mont., 1892, 2 (to *Amphilina*); 1892, 716 (to *Amphilina*).
- limacoides* Dies., 1835a, 421 (= *Aspidogaster limacoides*).
- lineare* Rud., 1819a, 83–84, 343–344 (t. h. *Tringa vanellus*) to (Monost.).—Baillet, 1866b, 107.—Blainv., 1828a, 582.—Brand., 1892, 508.—Bremsen, 1824, pl. 8, figs. 8–9.—Crep., 1839, 285.—Dies., 1850a, 411 (syn. of *Notocotyle triseriale* Dies.).—Duj., 1845a, 349.—Hass., 1896a, 3 (syn. of *Noto. verrucosum* Frölich).—Rail., 1893, 340.—Nord., 1840, 625.—Sieb., 1835, 50.
- loliginis* (delle Chiaje, 1841) Par., 1894, 169 (in *Loligo* sp.; Naples).
- lucaneum* Brand., 1902, 511, for *lucanica*.
- lucania* Leidy, 1904a, 143, for *lucanica*.
- lucanica* Leidy, 1877, 200–201 (in *Planorbis parvus*; U. S. A.) to (Glenocerc.); 1904a, 143–144.—Brand., 1902, 511 (*lucaneum*).—Linst., 1889a, 122 (*lucanicum*).
- lucanicum* Linst., 1889a, 122 (see *lucanica*).—Mont., 1892, 717.
- macrorchis* Brand., 1892, 508 (in marine turtles).—Braun, 1893a, 915; 1899b, 715, 722; 1901b, 38, 54, 58.—Looss, 1899b, 756.
- macrostomum* Rud., 1809a, 337–338 (t. h. *Larus cinerarius*; Greifswald), to (Monost.); 1819a, 86.—Brand., 1892, 510.—Braun, 1893a, 915.—Dies., 1850a, 330.—Duj., 1845a, 358.—Mont., 1892, 706, 709.—Olfers, 1816, 48.
- macrurum* Schlotthauber, 1860, 129 (in *Corvus glandarius*).
- marænulæ* Rud., 1809a, 339–340 (t. h. *Salmo marænula*; Europe) to (Hypost.); 1819a, 87.—Brand., 1892, 510 (to *Monostomulum*).—Braun, 1893a, 871.—Dies., 1850a, 329.—Mont., 1892, 717 (*marenulæ*).—Also reported for *Coregonus albula*.
- marenulæ* Mont., 1892, 717 (for *marænulæ*).
- marilæ* Rud., 1819a, 87 (in *Anas marila*).—Dies., 1850a, 411 (*marillæ*, syn. of *Notocotyle triseriale*).
- marillæ* Dies., 1850a, 411 for *marilæ*, 1819.
- micropterygis* (Richiardi, 1902) Ariola, 1902, 103 (syn. of *Didymost. bipartitum* Wedl).
- microstomum* Crep., 1829, 1, 49–50, pl. 1, figs. 10–11 (t. h. *Fulica atra*; Greifswald); 1837, 314.—Ben., 1858a, 1861a, 70 (syn. of *Monost. mutabile*).—Braun, 1892a, 658.—Dies., 1850a, 323 (syn. of *M. mutab.*).—Nord., 1832a, 85.—Rail., 1893a, 338 (= *M. mutab.*).—Sieb., 1835, 50.—Stoss., 1902, 2, 13 (syn. of *Cyclocœlum mutabile*).
- minutissimum* Stoss., 1896, 130 (in *Anas boschas*; Doberdò); 1898, 63.
- mola* Rud., 1819a, 87, 350–351 (t. h. *Orthagoriscus mola*; Naples).—Dies., 1850a, 359 (syn. of *Dist. okenii*).—Mont., 1893, 137.
- molle* Leidy, 1856, 43 (t. h. *Sternotherus odoratus*; U. S. A.); 1904a, 86.—Brand., 1892, 510.—Braun, 1893a, 876, 915; 1901b, 54.—Dies., 1858e, 328 (in *Ster. od.*).—Mont., 1892, 715; 1896, 165.—Stiles & Hass., 1894e, 414, to *Dist. (Polyorchis)*; 1894h, 162; 1895a, 737.
- murænulæ* Cobbold, 1860a, 43, for *marænulæ* = *M. braunii* Cobbold.

MONOSTOMA—Continued.

- mutabile* Zed., 1800, xvi, 150, 154-155 (t. h. *Fulica chloropus*; Germany); 1803, 189, pl. 3, fig. 1.—Aitken, 1866, 838; 1872, 204.—Baillet, 1866b, 91, 107.—Ben., 1858a, 1861a, 66, 68, 69-77, 79, 99, 171, 172, 179, 193, 202, 203, 204, 206, 211, 213, 214, 215, 223 (syn. *M. microstomum*), 256, 336, pl. 12, figs. 1-20.—Biehringer, 1884, 7.—de Bonis, 1882, 102.—Brand., 1892, 507, 508.—Braun, 1890a, 510; 1892, 51-52; 1892a, 584, 587, 590, 627, 642, 648, 658, 661, 663, 673, 674, 678, 715, 727, 761, 768, 769, 776, 780, 781, 784, 785, 786, 787, 805, 813; 1893a, 818, 820, 876, 879, 880, 883, 915; 1893b, 176, 179, 187; 1898d, 468; 1894a, 1166; 1895b, 17; 1896a, 1255; 1899, 467; 1901e, 346.—Crep., 1837, 314, 323, 324, 325.—Darr, 1902, 675.—Desmonceaux, 1868, 21.—Dies., 1836, 248; 1850a, 323-324 (syns.: *M. vanelli* Rud., *M. himantopodis* Rud., *Dist. calidris* Rud., *M. microstomum* Crep.); 1855a, 382; 1858e, 325 (in *Anas anser*); 1859c, 425 (in *Totanus calidris*, *Rallus aquaticus*, *Gallinula chloropus*, *Anas nigra*; Belgium).—Duj., 1845a, 351-355.—Erc., 1881e, 57, 86; 1882a, 293, 322.—Eschricht, 1853a, 231; 1855, 2.—Fil., 1854a, 5, 15; 1855b, 13, 24; 1857c, 12.—Florence, 1866a, 3, 5, 6.—Fraip., 1880c, 417.—Fuhrmann, 1904, 59 to (*Cyclocœlum*); 1904, 61.—Hass., 1896b, 1 (in *Meleagris gallopavo*).—Hoyle, 1890, 535, 539 (type of *Monost.*).—Jackson, 1888, 647, 649.—Kath., 1894a, 130.—Knoch, 1862, 58, 64, 73.—Kœlliker, 1849, 57.—Leidy, 1885, 10.—Leuck., 1842, 35-37, pl. 1, fig. 12a. b.; 1863a, 33, 487, 491, 496, 502, 503, fig. 1, 167; 1879, 40, 141, fig. 17; 1886d, 30, 109, fig. 17.—Levin., 1881a, 57.—Looss, 1894a, 204; 1896b, 150; 1899b, 660, 661; 1901, 192 (type of *Cyclocœlum*); 1902m, 701, 702, 719, 720, 730.—Luehe, 1901, 174.—Magalhães, 1899, 258, 259, 260.—Mégnin, 1890c, 87, 88, 89 (*Monostoma*), fig. 1.—Mehlis, 1831, 171.—Mont., 1888, 37, 56, 57, 67, 73, 76; 1892, 26-27; 1892, 28; 1892, 684, 685, 686, 690, 691, 692, 696, 697, 698, 699, 700, 701, 704, 705, 706-707, 708, 709, 710, 713 (syn. *M. lanceolatum* Wedl, *M. micropunctatum* Linst.) (in *Falco hamatus*, *F. milvoides*; Brazil); 1893, 83, 84, 209.—Moul., 1856a, 12, 22, 23, 45, 46, 47, 50, 56, 70, 97, 98, 99, 100, 102, 107-108, 207, 208.—Mueh., 1898, 12, 31.—Nord., 1832a, 56, 85, 93; 1840, 616, 617.—Olfers, 1816, 48.—Pag., 1857, 7.—Par. & Perugia, 1893, 1.—Rail., 1893a, 338 (syns.: *M. microstomum* Crep., *M. attenuatum* Mol. not Rud.); 1898, Oct., 627-628 (in geese).—Rud., 1809a, 333-334 to (*Monost.*); 1819a, 85.—Schneidemuehl, 1896, 303.—Sieb., 1835, 49-83, pl. 1, figs. 1-9 (in *Anas anser* dom., *Fulica atra*, *Gallinula chloropus*, *Grus cinerea*, *Rallus aquaticus*); 1850, 671, 672; 1854, 21, 22, 23.—Spengel, 1892.—Steenstrup, 1842, 40, 49, 56.—Stein, 1882, 1.—Stoss., 1889, 184; 1901, 92 (4) (in *Himantopus candidus*; Roma); 1902, 1-40, pls. 1-9; 1902, v. 9 (13), 406-407; 1905 (vii), 62.—Thomson, 1855, 188.—Verrill, 1870, 179.—Vogt, 1878, fig. 30.—Wagener, 1857, 22, 24, 26, 45, 52, 67.—Zerneck, 1895, 61.—Ziegler, 1905, 36, 37 (in *Gallinula chloropus*).—Also reported for *Anser cinereus* dom., *Crax alector*, *Fuligula marila*.
- mutabile* Zed.—Stoss., 1902, 13, to *Cyclocœlum*.
- mutabile* of Ben., 1858a, 69, pl. 12; of Dies., 1859c, 425; of Par., 167; and of Stoss., 1891, v. 13, 111.—Stoss., 1902, 15 (syn. of *Cyclocœlum ovopunctatum*).
- mutabile* of Sieb., 1835, 49; of Dies., 1858e, 325; of Dav., 1877a, lxxiii; and of Mueh., 1898, 31.—Stoss., 1902, 20 (syn. of *Cyclocœlum arcuatum*).
- nematoides* Crep., 1846, 129 (in *Falco albicilla*).
- nephriticum* Mehlis in Crep., 1846, 138 (t. h. *Colymbus arcticus*).—Brand., 1892, 509.—Braun, 1893a, 877, 915; 1893d, 467.—Cohn, 1904, 230 (to *Eucotyle*), 237.
- nephrocephalum* Dies., 1858e, 327 (*M. renicapite* renamed) (in *Sphargis coriacea*; America).—Braun, 1899, 627; 1901b, 52.—Mont., 1892, 715.
- nigropunctatum* Linst., 1883, 310, pl. 9, fig. 52 (in a bird "Akatz;" Turkestan).—Brand., 1892, 507.—Braun, 1892a, 784, 786 (in birds; Turkestan); 1893a, 915.—Mont., 1892, 26; 1892, 698, 706, 707 (syn. of *M. mutabile*).—Stoss., 1902, 5, 6.
- noctulæ* Cobbold, 1860a, 39 (*M. vespertilionis* Rud., renamed) (in *Vespertilio noctula*).—Mont., 1892, 712.
- obscurum* Leidy, 1887, 24 (in *Megalops thrissoides*; Coll. Army Med. Mus., Wash.); 1904a, 197.—Brand., 1892, 510.—Braun, 1893a, 874, 915.—Mont., 1892, 716, 717.
- ocreatum* (Gœze, 1782) Zed., 1800a, xvi, 150, 152-154; 1803a, 189.—Bellingham, 1844a, 337.—Blainv., 1828a, 582.—Bremser, 1824c, pl. 8, figs. 10-11.—Cobbold, 1860a, 39 (includes *Dist. lorum* Duj., *Fasc. ocreata* Gœze not Rud., *Cucullanus ocreatus* Schrank, *C. talpæ* Mueller); 1879b, 296.—Crep., 1839a,

MONOSTOMA—Continued.

- 285.—Dies., 1850a, 326 (syns.: *Fasc. ocreata* Goëze, *Cucullanus talpæ* Mueller, *C. ocreatus* Schrank, *Dist. lorum* Duj.); 1858e, 328 (in *Talpa europæa*; Ireland).—Duj., 1845a, 344.—Kuech., 1855, 181.—Lamarck, 1816b, 187.—Looss, 1901, 192 (= *Dist. lorum* Meln.).—Mont., 1888a, 7.—Nord., 1840, 624 (syns.: *Fasc. ocreata* Goëze, *Cucullanus ocreatus* Gmelin).—Olfers, 1816, 48.—Rud., 1809a, 329–331 to (*Monost.*); 1819a, 84.—Schlotthauber, 1860, 129.—Stoss., 1892, 17 (syn. of *Dist. lorum* Duj.), 18 (*acreatum*) (syn. *Dist. lorum* Duj.).—Walter, 1866, 65.
- octopodis* delle Chiaje, teste in Mont., 1892, 717, 718.—Par., 1894, 169 (in *Octopus vulgaris*; Naples).
- oculobium* Cohn, 1902d, 712 (in *Vanellus melanogast.*; Greifswald Coll.).—Engler, 1904, 186.—Fuhrmann, 1904, 59, 61.
- orbicolare* Sons., 1891, 262, for *orbiculare*.
- orbiculare* Rud., 1819a, 83, 342 (t. h. *Sparus salpa*; Naples) to (*Monost.*).—Barbagallo & Drago, 1903, 411 (in *Box salpa*, *Oblata melanura*; Catania).—Brand., 1892, 509.—Braun, 1892a, 567, 568, 603, 635, 640, 650, 651; 1893a, 915.—Dies., 1850a, 320.—Duj., 1845a, 360.—Lint., 1898, 541–542, pl. 54, figs. 2–5 (in *Lobotes surinamensis*; Woods Hole); 1901, 416, 457.—Luehe, 1901d, 49–60, figs. 1–5; 1901e, 235–236; 1901f, 421.—Mont., 1888a, 7, 16, 41, 42, 43; 1892, 685, 687, 689, 690, 694, 697, 698, 699, 700, 701, 703, 716.—Par., 1887, v. 30, 15; 1894, 592.—Sons., 1891, 262 (*orbiculare* in *Box salpa*).—Stoss., 1883, 111; 1898, 65 (in *B. salpa*; Trieste).
- ornatum* Leidy, 1856, 43 (t. h. *Rana pipiens*).—Brand., 1892, 510.—Braun, 1893a, 877, 915.—Dies., 1858e, 326 (in *R. pip.*; Philadelphia).—Mont., 1892, 685, 697, 698, 715.—Staff., 1902, 724.
- ovatum* Mol., 1859, 822–824, pl. 2, figs. 2–4 (in *Gallinula crex*; Padua).—Brand., 1892, 508.—Braun, 1893a, 916; 1893b, 185.—Looss, 1899b, 662, 663.—Mont., 1892, 38, 40–41 (syn. of *Notocotyle verrucosum*); 1892, 706, 709.—Odhn., 1905, 368.—Stoss., 1902, 5.—Also reported for *Crex pratensis*.
- pandum* Braun, 1901a, 48–50, fig. 17 (in *Thalassochelys caretta*; Naples).
- petasatum* Deslongchamps, 1824ee, 511 (t. h. *Hæmatypus ostralegus*; Caen).—Brand., 1892, 505, 509.—Braun, 1892a, 568; 1893a, 874, 915.—Dies., 1850a, 330.—Duj., 1845a, 350–351.—Looss, 1902m, 610.—Mont., 1888, 7; 1892, 706, 709.—Villot, 1878, 18–20, pl. 5, fig. 1 (in *Strepsilas interpres*).
- pileatum* (Rud., 1802) Zed., 1803, 188 (in *Sterna hirundo*).—Dies., 1850a, 314 (to *Holost.*).—Olfers, 1816, 48.—Rud., 1809a, 338–339; 1819a, 90 (to *Amphist.*).
- pingue* Mehlis in Crep., 1846, 138 (t. h. *Colymbus cristatus*).—Brand., 1892, 509.—Braun, 1893a, 877, 915; 1893d, 467.—Cohn, 1904, 230, 232, 233 (to *Renicola*), 235 (syn. of *Taphrogonymus holostomoides*).
- plicatum* Crep., 1829a, 878–880, pl. 52, figs. 9–11 (t. h. *Balæna rostrata*; Rügen).—Ben., 1870, 357.—Brand., 1892, 509.—Braun, 1892a, 605.—Cobbold, 1879b, 421.—Dies., 1850a, 324.—Duj., 1845a, 344.—Jägers., 1891b, 32 pp., figs. 1–16 (anatomy); 1892a, 572–573 (see *Ogmogaster plicatus*).—Mont., 1892, 696, 704, 713; 1893, 203.—Odhn., 1905, 366 (to *Ogmogaster*).—Also reported for *Balæna mysticetus*.
- præmorsum* Nord., 1832, 55–56, 96 (t. h. *Cyprinus brama*).—Brand., 1892, 511 (to *Monostomulum*).—Braun, 1893a, 871, 915.—Dies., 1850a, 322 (in *Abramis brama*; Berlin).—Duj., 1845a, 363.—Kroyer, 1846–53a, 388 (in *Abr. br. L.*).—Mont., 1892, 685, 696, 697, 698, 716.—Walter, 1866, 65.
- prismaticum* Zed., 1800a, xvi, 150, 151–152 (t. h. *Corvus frugilegus*; Europe).—Brand., 1892, 510.—Braun, 1893a, 876, 915.—Dies., 1850a, 328.—Duj., 1845a, 349.—Looss, 1901, 192, 193 (type of *Monost.* by elimination; see, however, *mutabile* and p. 308); 1902m, 700, 701, 702, 703, 707, 717, 718, 719, 720, 721, 729, 730.—Mont., 1892, 685, 699, 713, 714.—Luehe, 1901, 174.—Olfers, 1816, 48.—Rud., 1809a, 334–335 to (*Monost.*); 1819a, 85.
- proteus* Brand., 1891, 19, 22, 23; 1892, 567, 570, 571, pl. 22, figs. 5, 6 (in *Chelonia viridis*); 1892, 508.—Bettend., 1897a, 11; 1897, 315.—Brand., 1891d, 19, 22, 23.—Braun, 1893a, 915 (in *Chelone midas*); 1893b, 176, 177, 185 (in *Chelonia viridis*); 1899b, 715, 722; 1901b, 38.—Darr, 1902, 673.—Looss, 1894a, 186, 204; 1899b, 661, 662, 668, 869, 756, 767–770, to *Baris* as type; 1902m, 619, 626, 632, 636, 647, 653, 669, 678, 685 (of *Walter*, 1893, 197, pl. 10, figs. 13, 18, 19, as syn. of *Octangium sagitta*), 694 (of *Walter*, 1903, 196, figs. 22–23 to *Deutero-baris*).—Luehe, 1901, 58.—Mont., 1893, 213, 214.—Ofenheim, 1900, 148, 167.—Shipley, 1900, 533, 539.—Walter, 1892, 248, 249, 250; 1893, 196, 197, pl. 10, figs. 13, 18, 19, 22–23.

MONOSTOMA—Continued.

- pseudamphistomum* Crep., 1846a, 146 (t. h. *Chelonia mydas*).
- pumilio* Looss, 1896b, 154–158, pl. 10, figs. 101–106 (in *Pelecanus onocrotalus*; Cairo); 1899b, 670 (type of *Haplorchis*), 753.
- renicapite* Leidy, 1856b, 43 (t. h. *Sphargis coriacea*); 1904a, 86.—Brand., 1892b, 510 (in *Dermatochelys coriacea*).—Braun, 1893a, 915; 1899, 627–629; 1899b, 715, 721, 722; 1901b, 38, 52–53, fig. 25.—Dies., 1858e, 327 (renamed *nephrocephalum*) (in *Sphargis coriacea*; America).—Mont., 1892, 685, 711, 714, 715.
- reticulare* Ben., 1859, 84–85, pl. 2, figs. 7–10 (t. h. *Chelonia midas*); 1858a, 1861a, 193.—Brand., 1892, 508.—Braun, 1892a, 651; 1893a, 916; 1893b, 185 (in *Ch. viridis*); 1899b, 715, 721, 722, 725; 1901b, 38, 54.—Jackson, 1888, 647.—Looss, 1894a, 186, 202, 204; 1899b, 756, 763, 765, 766, 767, 769; 1902m, 632, 643, 661, 662, 666, 688 (of Walter, 1893, 193, pl. 10, figs. 5, 6, 8a, syn. of *Polyangium linguatula*), 690, 691 (to *Microscaphidium*), 720.—Mont., 1892, 714, 715.—Shipley, 1900, 533, 539.—Walter, 1892, 248, 249.
- rhombi lævis* Dies., 1858e, 328 (in *Rhombus lævis*; Trieste), based on Wedl, 1855, 380, 394, pl. 2, 14.—Braun, 1893a, 871.—Mont., 1892, 717 (*rombi-lævis*).
- rombi-lævis* Mont., 1892, 717 (for *rhombi-lævis*).
- rubrum* Kuhl & van Hasselt, 1822a, 113; 1824a, 311 (in *Chelonia midas*; Iles des Cocotiers).—Braun, 1899b, 721, 723, 724; 1901b, 38, 50–52, figs. 26, 28.—Crep., 1846, 146.—Dies., 1850a, 325 (syn. of *M. trigonocephalum*).—Looss, 1899b, 667, 756; 1902m, 555.—Shipley, 1900, 532.
- sacidiornicola* Stoss., 1902, 34 (for *sarcidiornicola*).
- sarcidiornicola* Mégnin, 1890c, 87–90, fig. 2 (in *Sarcidiornis melanota*; Madagascar); 1890, 685–687, fig. —Braun, 1899, 468.—Mont., 1892, 28–31; 1892, 685, 686, 687, 697, 704, 706, 708, 709, 710, 713 (in *Sar. mel.*).—Stoss., 1902, 9, 33, 34 (*sacidiornicola*) (to *Typhlocœlum*).
- semifuscum* Olss., 1876, 28 (in *Sula bassana*; Lund).—Brand., 1892, 505, 509.—Braun, 1893a, 916 (in *S. bas.*).—Mont., 1892, 706, 710.
- sepiolæ* delle Chiaje, teste Crep., 1846a, 158.—Mont., 1892, 717, 718.—Par., 1894, 169.
- settenii* Numan, (1840), 358 (eye of horse).—Anacker, 1890m, 506.—R. Bl., 1888a, 542.—R. Bl. & Rail., 1891a, 26–28 (œstrid larva).—Braun, 1889a, 337; 1891d, 424.—Dies., 1850a, 617 (to *Pentast.*).—Moniez, 1896, 154.—Mont., 1892, 713.—Rail., 1895, 772.—Sieb., 1842, 299.—Stiles, 1902s, 28 (= larval dip-teron).—Ward, 1895, 338 (in *Equus caballus*).
- spathulatum* Dies., 1859c, 426 (for *spatulatum*).—Mont., 1892, 685, 697, 698, 716.
- spatulatum* Leidy, 1859, 111 (in fish).—Dies., 1859c, 426 (*spatulatum*) (in American fish).—Mont., 1892, 685, 697, 698, 716.
- species Brand., 1891d, 19 (*Monostomum*).
- species Braun, 1891e, 8.—Mont., 1892, 713.
- species Braun, 1901b, 50 (in *Chelone mydas*).
- species Kroyer, 1846–53a, 462; 1852–53a, 1224 (in *Leuciscus idus* L.).
- species Lint., 1901, 416, 439; 1905, 335, 356, 360, 367, figs. 217, 226–229 (in *Fundulus majalis*, *Menidia menidia*, *Orthopristis chrysopterus*, *Trachinotus carolinus*).
- species Stoss., 1902, 34–35 (in *Grus cinerea*).
- species Stoss., 1902, 35 (in *Mergus albus*).
- species Stoss., 1902, 36 (in *Machetes pugnax*; Berlin).
- species Stoss., 1902, 36 (in *Fulica atra*; Seeburg).
- species Stoss., 1902, 36 (in *Grus cinerea*; Luckenwalde).
- species Piesbergen, 1886, 356.—Mont., 1892, 716 (in *Cobitis barbatula*).
- species Villot, —.—Mont., 1892, 706 (in *Strepsilas interpres*).—See Linst., 1878a, 133.
- spinosissimum* Mont., 1892, 689 (for *spinosissimum*).
- spinosissimum* Stoss., 1883, 112, pl. 2, fig. 8 (in *Box salpa*; Trieste); 1898, 64.—Barbagallo & Drago, 1903, 411 (in *Box salpa*; Catania).—Brand., 1892, 509.—Braun, 1891d, 421; 1892a, 583, 651, 700, 765; 1893a, 916.—Looss, 1899b, 669, 670.—Luehe, 1901, 58, 59, 60.—Mont., 1892, 689 (*spinosissimum*), 697, 699, 702, 705, 716.—Type of *Centroderma* 1901.

MONOSTOMA—Continued.

- spirale* Dies., 1850a, 325 (t. h. *Hypsilophus tuberculatus*, *Podocnemis tracaxa*, *Chelonisidius tuberculatus*; Brazil); 1855, 63, pl. 2, figs. 10–13; 1858e, 326 (in *Hyp. tub.*).—Brand., 1892, 507.—Braun, 1892a, 567, 569, 709; 1899, 631; 1901b, 54–55.—Cobbold, 1860a, 41.—Mont., 1888, 7, 8; 1892, 35; 1892, 685, 696, 697, 698, 714, 715.—Stoss., 1895, 232 (to *Dist.*).
- squamula* (Rud., 1819) Dies., 1850a, 321 (in *Mustela putorius*; Jan., Tolosæ).—Brand., 1892, 506.—Cobbold, 1860a, 38.—Stoss., 1892, 20 (to *Dist.*).
- stossichianum* Mont., 1892, 12, 19, figs. 5, 7, 11, 15, 18 (includes *M. capitellatum* of Stoss., 1883, 2, pl. 2, fig. 9; Carus, 1884, 122, pars; Parona, 1886, 5, 7, nota 2; 1887, 489; Setti, 1891, 4) (in *Box salpa*; Italy “del nostro golfo”); 1892, 685, 686, 687, 688, 689, 694, 695, 696, 697, 698, 699, 700, 702, 703, 705, 716; 1893, 15, 16, 17, 24, 35, 83, 84, 115, 116.—Brand., 1892, 507, 509.—Braun, 1893b, 178, 179.—Looss, 1899b, 669.—Luehe, 1901, 58, 59, 60.—Stoss., 1898, 63–64 (in *Box salpa*; Trieste).
- sulcatum* Rud., 1809a, 337 (t. h. *Rana pipa*, intestine) to (Monost.); 1819a, 86.—Brand., 1892, 510.—Braun, 1893a, 916 (in *Pipa americana*).—Dies., 1850a, 325–326.—Duj., 1845a, 359.—Mont., 1892, 715, 716.—Olfers, 1816, 48.
- tenuicollis* Rud., 1819a, 85, 346–347, 577, pl. 2, figs. 1–4 (t. h. *Lampris guttatus*; Groningæ) to (Monost.).—Ben., 1858a, 1861a, 111, 199, 200; 1870, 87.—Blainv., 1828, 582 (*tenuicollis*).—Dies., 1850a, 359 (syn. of *Dist. affine* Dies.) (in *Lam. gutt.*); 1859c, 430.—Duj., 1845a, 361–362.—Mont., 1888a, 9; 1893, 150.—Schmalz, 1831, 16, pl. 6, figs. 10–12 (in *Lam. gutt.*).
- testudinis* M. S. Vienna Coll. in Braun, 1899, 630 (= *Dist. scyphocephalum* Braun).
- tethyæ* delle Chiaje teste Mont., 1892, 717.
- tethydis* delle Chiaje, teste E. Bl., 1847a, 309.
- thetycola* (delle Chiaje), teste Pag., 1862, 298.
- todari* delle Chiaje see Mont., 1892, 717, 718.—Par., 1894, 168 (in *Ommastrephes todarus*; Naples).
- totari* delle Chiaje.—E. Bl., 1847a, 309, see *todari*.
- trigonocephalum* Rud., 1809a, 336–337 (t. h. *Testudo mydas*; Europe) to (Monost.), includes *Planaria mydæ* Braun MS.; 1819a, 86, 349.—Bellingham, 1844a, 337.—Ben., 1858a, 1861a, 193.—Brand., 1892, 508.—Braun, 1891d, 424 (in *Thalassochelys corticata*; 1892a, 568; 1893a, 916; 1899b, 715, 721, 722, 723, 725; 1899, 627, 628; 1901b, 38–45 (originals in stomach of *Chelone mydas*), 45 (pars of Rud. 1819a, Dies., 1850a, Shipley, 1900, syn. of *Monost. album*), 46, 48, 49, 50, 51 (pars of Dies., 1850a, Shipley, 1900, syn. of *M. rubrum*), 52, fig. 29; 1901e, 346.—Dies., 1850a, 325 (syns. *Planaria midæ* Braun, *M. rubrum et album* Kuhl & Hasselt); 1858e, 327 (in *Chelone (Eretmochelys) imbricata*).—Duj., 1845a, 358–359.—Looss, 1894a, 204; 1899b, 666, 756 type of *Pronocephalus* [see *obliquus*]; 1901, 566, 567, 568; 1902m, 413, 527 (of Braun, 1901, 38, syn. of *Pronocephalus obliquus*), 529, 531, 548 (to *Pleurogonius*), 549 (original species contained 2 forms) (of Shipley, 1900, 532, pl. 54, figs. 1–7, syn. of *Cricocephalus delitescens*), 550, 551, 552, 556, 557, 558 (of Ben., 1859, 81, pl. 2, fig. 5, and Walter, 1893, 191, fig. 1, pl. 10, syn. of *Pleurogonius longiusculus* Looss), 561, 562, 563, 564, 580, 582 (= *Pleurog. long.* Looss), 584, 591, 595, 596, 713, 714, 716.—Mont., 1892, 685, 686, 687, 689, 694, 695, 696, 697, 698, 702, 703, 709, 711, 714, 715, fig. 5; 1893, 213.—Moul., 1856a, 23.—Olfers, 1816, 48.—Shipley, 1900, 532–540, fig. A. B., pl. 54, figs. 1–7.—Stoss., 1891, 111.—Walter, 1892, 248; 1893, 30 May, in 189–235, pls. 10–12.—Reported also for *Halicelys atra*.
- tringæ* Brand., 1892b, 507 to *Cyclocelum*, 508.—Braun, 1893a, 876, 916; 1899, 467.—Looss, 1899b, 660.—Stoss., 1902, 26, fig. 26 (to *Hæmatotrephus*) (in *Tringa variabilis*; Tor, Peninsula of Sinai).
- triseriale* (Dies., 1839) Dav., 1860, xlviii; 1877a, lxxiii.—Baillet, 1866b, 107 (syn. of *M. verrucosum*).—Hoyle, 1890, 539.—Verrill, 1870, 179.
- vanelli* Rud., 1819a, 87, 350 (t. h. *Tringa vanellus*; Mus. Vien.).—Dies., 1850a, 323 (syn. of *M. mutabile* Zed.).—Sieb., 1835, 50 (in *Vanellus cristatus*).
- variabile* (Nitzsch, 1857) Dav., 1860, xlviii; 1877, lxxiii.—Verrill, 1870, 179.
- ventricolum* Rud., 1809a, 334, misprint for *verrucosum*.
- verrucosum* (Rud., 1802) Rud., 1809a (*ventricolum*, p. 334), 335–336, 339; to (Monost.); 1819a, 86 (in *Motacilla luscinia*; Gryphæ).—Brand., 1892, 509.—Braun, 1893a, 876, 916.—Dies., 1850a, 328 (syn. *Festucaria vent.*).—Duj., 1845a, 348–349.—Mont., 1892, 713, 714.—Olfers, 1816, 48.

MONOSTOMA—Continued.

verrucosum (Frölich, 1789) Zed., 1800a, xvi, 150, 155–159.—Anacker, 1887c, 513.—Baillet, 1866b, 107 (syn. *M. triseriale*).—Baird, 1853a, 45.—Bellingham, 1844, 336.—Ben., 1858a, 1861a, 72, 77–81, 179, 189, 190, 193, 197 (syns. Fasc. ver., *F. anseris*, *Festucaria pedata*, *Notocotyle triseriale*, *Notocotylus triserialis*) (in *Anas tadorna*).—Ben., 1859, 77–80.—E. Bl., 1847, 304–308, pl. 13, fig. 2.—Brand., 1892, 508.—Braun, 1891d, 421; 1892a, 709, 762, 764; 1893a, 874, 891; 1893b, 177, 185; 1893d, 468; 1901b, 39.—Cobbold, 1872b, 90; 1877, 238; 1879b, 41, 440.—Crep., 1839, 285; 1846, 141.—Dies., 1839, 234; 1850a, 411 (syn. of *Notocotyle triseriale* Dies.); 1858e, 369 (syn. of *Notocotyle triserialis* Dies.) (in *Anas anser* dom. et ferus, *Hæmatopus ostralegus*, *Fulica atra*); 1859c, 437 (syn. of *Notocotyle triserialis*) (in *Anas tadorna*, *Planorbis*, *Lymnæus*; *Belgia*).—Duj., 1845a, 355–358, pl. 8, fig. B.—Hass., 1896a, 3 (to *Notocotyle*).—Hoyle, 1890, 539 (= *Notocotyle triseriale*).—Jackson, 1888, 642.—Lamarck, 1816b, 187.—Levensen, 1881a, 78 (in *Somateria mollissima*).—Looss, 1896b, 146–153, 192–197, 228, pl. 10, figs. 94–100, pl. 14, figs. 146–151 (in *Canard* dom.; *Alexandria*) (syns.: *Notocotyle triseriale*, *N. verrucosum*); 1899b, 661, 662, 663, 664; 1901, 192 (taken by Dies. as representative of *Notocotyle*).—Mol., 1859, 823.—Mont., 1888, 67; 1892, 26, 27, 40 (to *Notocotyle*); 1892, 685.—Mueh., 1898, 31, 32.—Nord., 1840, 602 (syn. of *Nocotylus triserialis*), 624 (syn. Fasc. verr. Fr.).—Odh., 1905, 366, 367, 368, 369, 370 (to *Catantropis*) (of Looss, 1896, syn. of *Notocotyle ægyptiaca* Odh.).—Olfers, 1816, 48.—Rail., 1893a, 340 (to *Notocotyle*).—Risso, 1826, 262.—Rud., 1809a, 331–333 (to *Monost.*) (includes Fasc. *anseris* Gmelin, *Festucaria pedata* Schrank); 1819a, 84, 344.—Schneidemuehl, 1896, 303.—Sieb., 1835, 56, 60 (in *Fulica atra*, *Gallinula porzana*, *Phasianus gallus*, *Rallus aquaticus*).—Sons., 1897, 252.—Verrill, 1870, 179.—Wedl, 1857, 248–250, pl. 2, figs. 9–14.—Wolffhüegel, 1900, 9, 55, 56, 57.—Will.-Suhm, 1870, 7.—Reported also for *Anas anser*, *A. bernicla*, *A. boschas fera*, *A. marila*, *A. mollissima*, *A. querquedula*, *A. segetum*, *Cygnus olor*, *Harelda glacialis*, *Machetes pugnax*, *Mergus merganser*, *Recurvirostra avocetta*, *Rhynchaspis clypeata*.

vespertilionis Rud., 1819a, 87 (t. h. *Vespertilio noctula*; Cat. Ent. Vien.).—Brand., 1892, 510.—Braun, 1893a, 916.—Dies., 1850a, 329–330 (in *Vesp. noc.*).—Kolenati, 1857, 11.—Mont., 1892, 712.—Also reported for *Vespertilio lasiopterus*, *Vesperugo noctula*.

vinal-edwardsii Lint., 1901, 416, 470, figs. 373, 374, 375, 376; 1905, 329, 335, 379, 410, figs. 220–221 (in *Opsanus tau*, *Orthopristis chrysopterus*; Beaufort, North Carolina).

viviparæ Linst., 1877, 185, pl. 13, fig. 16 (in *Paludina vivipara*).—Mont., 1892, 717
wedlii Cobbold, 1860a, 43 (= *M. rhombi lævis* Wedl, renamed) (in *Rhombus lævis*); 1879b, 463.

zederi Rud., 1805a, 44 [evidently not as specific combination, but as *Monostoma Zed.*].

(MONOSTOMA) Rud., 1809a, typical subg. of *Monost.* in Rud., 1809a, 328–339 “ore antico, sive terminali.” As Rud. excludes *Festucaria anatis* from *M.* (*Monost.*), his typical subg. is to be construed as distinct from *Monost. Zed.* = *Festucaria* renamed, by which it is, however, antedated.

attenuatum Rud., 1809a, 328–329 (t. h. *Scolopax gallinago*, cæca; Griefswald). See also under *Monost.*

capitellatum Rud., 1819a, 83, 343 (t. h. *Sparus salpa*; Naples). See also under *Monost.*

cornu (Zed., 1800) Rud., 1819a, 85. See also under *Monost.*

crenulatum Rud., 1809a, 328 (t. h. *Motacilla phœnicurus*, intest.; Griefswald). See also under *Monost.*

crucibulum Rud., 1819a, 83, 342–343 (t. h. *Muræna conger*, *M. cassini* (*M. myroides*); Naples) (to *Gasterost.* by Gervais & Ben., 1859) (to *Dist.* (*Crossodera*) by Duj. 1845a, 435). See also under *Monost.*

ellipticum Rud., 1809a, 333 (*M. bombynæ* Zed., 1800, renamed). See also under *Monost.*

filicollæ Rud., 1819a, 85–86, 347–348 (t. h. *Brama raji*; Naples). See also under *Monost.*

foliaceum Rud., 1819a, 83, 340–342 (t. h. *Accipenser sturio*; Arimini). See also under *Monost.*

(MONOSTOMA)—Continued.

galeatum Rud., 1819a, 86, 349–350 (t. h. *Centronotus glaucus*; Naples) (to *Gasterost.*, by Stoss., 1898, 62). See also under *Monost.*

lineare Rud., 1819a, 83–84, 343–344 (t. h. *Tringa vanellus*). See also under *Monost.*

macrostomum Rud., 1809a, 337–338 (t. h. *Larus cinerarius*, intest.). See also under *Monost.*

mutabile (Zed., 1800) Rud., 1809a, 333–334. See also under *Monost.*

ocreatum (Geze, 1782) Rud., 1809a, 329–331. See also under *Monost.*

orbiculare Rud., 1819a, 83, 342 (t. h. *Sparus salpa*; Naples). See also under *Monost.*

pileatum (Rud., 1802) Rud., 1809a, 338–339 (to *Amphist.*, by Rud., 1819a, 90). See also under *Monost.*

prismaticum (Zed., 1800) Rud., 1809a, 334–335. See also under *Monost.*

sulcatum Rud., 1809a, 337 (t. h. *Rana pipa*). See also under *Monost.*

tenuicolle Rud., 1819a, 85, 346–347, 577, pl. 2, figs. 1–4 (t. h. *Lampris guttatus*). See also under *Monost.*

trigonocephalum Rud., 1809a, 336–337 (t. h. *Testudo mydas*, stomach; Europe). See also under *Monost.*

ventricosa (Rud., 1802) Rud., 1809a, 335–336. See also under *Monost.*

verrucosum (Frœlich, 1789) Rud., 1809a, 331–333. See also under *Monost.*

MONOSTOMATA Zed., 1800a, 150, plural for *Monostoma*.—Dowker, 1882a, 11.

MONOSTOMATIDÆ Gamb., 1896a, 73.

MONOSTOMEA Mont.—Olss., 1893.

MONOSTOMEÆ Mont., 1888, 7, 8, 9, 11, 12, 14, 15, 16, 18, 34, 36, 37, 41, 47, 48, 51, 52, 53, 54, 56, 90, 92, 102, 105, 108; 1892, 689.—Brand., 1888a, 49.—Braun, 1893a, 886, 887.—Par. & Perugia, 1890, 9.

MONOSTOMEN, German for *Monostomata*.—Stiles, 1902, 25, 26.

MONOSTOMES Dechambre, 1875a, 196, French for plural of *Monostoma*.

MONOSTOMEUS Rafinesque, 1815, 151 (new name for *Festucaria* Schrank, hence type *F. anatis*; apparently intended for *Monostoma* as it is attributed to Zed.

[*MONOSTOMIA* Rafinesque, 1815, 150, order of *Epistomia*.]

MONOSTOMIDA Kolenati, 1857, 11.

MONOSTOMIDÆ Cobbold, 1877f, 326; 1879b, 4.—R. Bl., 1895, 729.—Brand., 1890a, 576; 1892, 505.—Braun, 1883a, 58; 1893a, 887, 890, 895, 900, 914; 1895b, 137.—Hoyle, 1890, 539 (includes *Monostomum*, *Monocotyle*).—Jackson, 1888, 642, 654 (*Monostomum*).—Kholodk., 1898, 25, 33.—Looss, 1899b, 541, 543, 658, 659, 752; 1901b, 192, 193; 1902m, 524, 700 (validity of fam. name), 701, 702, 707, 731, 838.—Luehe, 1901, 174; 1901, 488.—Mont., 1888, 7, 10, 18, 21, 52, 60, 66, 67, 93, 105; 1892, Oct. 7, 214 (fam. of suborder *Malacocotylea*); 1892, 713.—Mueh., 1898, 31.—Pratt, 1902, 890, 909 (includes *Microscaphidiinæ*, *Pronocephalinæ*, *Haplorchidinæ*).—Schneidemuehl, 1896, 295, 296, 303.—Stoss., 1898, 63; 1902, 11.

MONOSTOMIDEA Ben.—Carus, 1863, 479.

MONOSTOMIDEN, German name.—Brand., 1892b, 7 Oct., 504–511.

MONOSTOMIDÉS R. Bl., 1888a, 541, 542, French for *Monostomidæ*.

MONOSTOMULUM Brand., 1892b, 510 [collective group for immature forms; requires no type].—Stiles, 1902s, 25, 28.

asperum (Vaillant, 1863) Brand., 1892b, 510 [cf. *asperum* 1857], (in *Siren lacertina*, sub cute in caps.).

delphini (Blainv., 1825) Brand., 1892b, 510 (in *Delphinus dalei*, in adipe folliculo inclusum).

dubium (Cobbold, 1858) Brand., 1892b, 511 (in *Gasterosteus spinachia*, ovarial-peritoneum in caps.).

lentis (Gescheidt, 1833) Brand., 1892b, 510.—Stiles, 1902s, 24–35, pl. 3, figs. 2–5 (in eye of man); 1903u, 223.

lucaneum Brand., 1892b, 511. See also (Glenocerc.) *lucanicum*.

marænulæ (Rud., 1809) Brand., 1892b, 510 (in *Coregonus marænula*, ad ventric. in caps.).

præmorsum (Nord., 1832) Brand., 1892b, 511 (in *Abramis brama*, in regione branchiarum).

MONOSTOMULUM—Continued.

rhombi lævis (Wedl, 1855) Brand., 1892b, 511.

settenii (Naumann, 1840) Brand., 1892b, 511.

viviparæ (Linst., 1877) Brand., 1892b, 511 (in *Paludina vivipara*).

MONOSTOMUM Crep., 1829, v. 1, 49, for *Monostoma* Zed., 1800.

MONOSTROMUM Linst., 1904p, 254, misprint for *Monostomum*.

MONOSTUMUM Mont., 1888, 69, misprint for *Monostomum*.

MUSALIA Shipley & Hornell, 1904, 93–95 (m. *herdmani*), pl. 3, fig. 51, pl. 4, figs. 58, 59, 65.

herdmani Shipley & Hornell, 1904, 78, 90, 93–95, pl. 3, fig. 51, pl. 4, figs. 58, 59, 65 (in *Margaritifera vulgaris*; Ceylon).

MUTTUA Shipley & Hornell, 1904, 90–93 (m. *margaritifera*).

margaritifera Shipley & Hornell, 1904, 78, 90–93, pl. 3, figs. 53–57 (in *Margaritifera vulgaris*; Ceylon).

NEMATOBOTHRIUM Mont., 1892, Oct. 7, 214 (g. of *Didymozoonidæ*) (for *Nematobothrium*).

NEMATOBOTHRIUM Ben., 1858a, 1861a, 11, 107–111, 200, 344, 345 (m. *filarina*; also by virtual tautonymy).—Braun, 1892a, 567, 569, 574, 577, 665, 696, 698, 699, 700, 707, 711, 727; 1893a, 878, 879, 886, 887, 890, 895, 914, 918; 1895b, 126, 136.—Gamb., 1896, 4, 73.—Hoyle, 1890, 539.—Jackson, 1888, 654.—Maclaren, 1904, 612, 613.—Moniez, 1891, 184–187.—Mont., 1888, 7, 18, 34, 52, 84, 93, 106; 1892, 6; 1892, Oct. 7, 214 (g. of *Didymozoonidæ*) (*Nemathobothrium*); 1893, 137.—Pratt, 1902, 890, 909.—Schneidemuehl, 1896, 295.—Tasch., 1879, 607, 614; 1879, 72.

benedeni (Mont., 1893) Maclaren, 1904b, 613, to (*Didymozoon*).

filarina Ben., 1858a, 1861a, 108–109, pl. 13, figs. 1–12 (t. h. *Sciæna aquila*) (*filarium* in descr. of plates); 1870c, 136–143, pl. 8, figs. 1–9 (embryonic form of); 1870, 32.—Braun, 1892a, 586, 784; 1893a, 914.—Cobbold, 1879b, 462.—Dies., 1859c, 426 (to *Monost.*).—Gamb., 1896a, 55, fig. 22A.—Jackson, 1888, 654.—Maclaren, 1904b, 602, 603, 606, 612, 613.—Mont., 1888, 9; 1893, 137.

filarinum Ben., 1858, 1861a, descr. of plates, see *filarina*.

guernei Moniez, 1891, 184–187 (in *Thynnus alalonga*; Europe).—Braun, 1891d, 423; 1893a, 914.—Maclaren, 1904b, 603, 613.

mola Maclaren, 1904b, 573, 602–613, pl. 21, figs. 17, 19, 21, pl. 22, figs. 23–33 (in *Orthogoriscus mola*) (*Nemathobothrium*); 1904, June 9, 443–444; 1905, Jan. 31, 20–29; 1905, June, 317; 1905, Dec., 703.—Ziegler, 1905, 37.

tænioides (Mont., 1888) Maclaren, 1904b, 613, to (*Didymozoon*).

NEPHROSIS Staff., 1904, May 3, 485–486 (m. *pusilla*, *νέος*=new, *φάσις*=appearance).

pusilla Staff., 1904, 485–486 (in *Anarrhichas lupus*; Canada).

(NEPHROCEPHALA) Dies., 1858d, 260–264, subg. of *Cerc.* (*Hormocerc.*), renamed, hence type probably *echinatoides*. [See, however, *infra*, p. 385.]

echinata (Sieb., 1837) Dies., 1858d, 260–262 (syn. *Cerc.* (*Hormocerc.*) *echinata* Sieb.) (in *Paludina vivipara*, *Planorbis corneus*, *Lymnæus stagnalis*), larva of *Dist. echinatum* Zed.); 1858e, 344 (to *Dist.*).

echinatoides (Fil., 1854) Dies., 1858d, 262–263 (syns. *Cerc.* (*Hormocerc.*) *echinatoides* Fil., *Cerc. echinifera* La Valette, *Dist. echiniferum* Pag.) (in *Paludina achatina*, *P. vivipara*); 1858e, 346 (syn. of *Dist. echiniferum* La Valette).

megacotyla Dies., 1858d, 263 (syn. *Dist. echinatoides* Pag. nec Fil.) (in *Anodonta cygnea*; Heidelberg).

spinifera (La Valette, 1855) Dies., 1858d, 263–264 (in *Planorbis corneus*; Berlin).

NEPHROCEPHALÆ Dies., 1858d, 260.

NEPHROCEPHALUS Odn., 1902, 27–29 (m. *sessilis*), not *Nephrocephala*,^a 1858; 1902, 42.—Pratt, 1902, 889, 907.

sessilis Odn., 1902, 27–29 (in *Nilkrokodil*).

NEURONAIIA Goodsir, (1844) (m. *monroi*).—Braun, 1889a, 341 (*Gasterost.*); 1893a, 844.

lampetræ Gulliver [1870, 849–850], 1872, 103, 425 (in *Planer's lamprey*; Stour River, Canterbury.—Brown, 1899a, 490 (in *lamprey*).

^a In our opinion (*Nephrocephala*, 1858) does not preoccupy *Nephrocephalus*, 1902.

NEURONAI—Continued.

monroi Goodsir, (1844) (in *Gadus morrhua*).—Brown, 1899a, 490 (*munroi*).—Gulliver, 1872, 103, 425 (*monroi*).

monroi Goodsir teste Gulliver, 1872, 103, 425.

munroi Brown, 1899a, 490, for *monroi*.

NEURONAINA Brown, 1899a, 490 (see *Neuronaia*).

NITSCHIA Haswell, 1892a, 458 (for *Nitzschia*).

NITZSCHIA Ben., 1858a, 1861a, 11, 38, for *Nitzschia*.

hippoglossii Ben., 1858a, 1861a, 21.

NITZSCHIA Baer, 1826a, 125 (m. *elegans* for *Hirudo sturionis* Abildg, renamed *elegans*) [not *Nitzschia* Denny, 1842, insect]; 1827b, 675–676, pl. 32, figs. 1–6.—Ben., 1858a, 1861a, 11, 38 (*Nitzschia*).—Ben. & Hesse, 1864, 64, 65, 66, 67–68.—Blainv., 1828a, 567–568.—R. Bl., 1888, 130.—R. Brand., 1891d, 9.—Braun, 1890a, 411, 412, 414, 423, 425, 435, 436, 440, 450, 451, 466, 474, 484, 485, 511, 515, 516, 517, 519, 523, 526, 527; 1890e, 597; 1891d, 422; 1893a, 889.—Burm., 1837a, 530; 1856a, 551.—Dies., 1850a, 290, 425–426 (syns. *Hirudo* Abildg., Trist. *Nitzsch*); 1858e, 313, 363 (mentions only *elegans*).—Gamb., 1896, 73.—Goldb., 1855, 19.—Haswell, 1892a, 458 (*Nitschia*).—Johnston, 1865, 30; 1865, 33.—Massa, 1906, 43, 48.—Mont., 1888, 10, 13, 83, 86, 87, 97; 1891, 100, 105, 107, 126; 1892, Oct. 7, 213 (g. of *Tristominæ*); 1893, 8, 210; 1899, 98, 99; 1903, 335 (subf. *Ancyrocotylinae*; f. *Tristomidae*); 1904, 117, 122.—Nord., 1832a, 60.—Pratt, 1900, 646, 648, 658.—Tasch., 1878, 564, 566 (syn. of *Trist.*); 1879, 233.

[*dubius* see Kellogg, 1876c, 544, arthropod.]

elegans Baer, 1826a, 125–126 (*Hirudo sturionis* Abildg., renamed); on gills of Stör; 1827b, 660–678, pl. 32, figs. 1–6 (includes *Trist. elongata*, 1826).—Abildg. (1797), 135, pl. 3, figs. 3–5; 1794b, 55, pl. 6, fig. 1 a. b. c.—Ben. & Hesse, 1864, 67–68 (syns. *Hirudo sturionis*; *Phylline*, Trist. *elongatum*, T. *sturionis*).—Blainv., 1828a, 568.—E. Bl., 1847, 323.—Braun, 1889h, 433–434 (syn. of Trist. *elongatum* Nitzsch); 1889k, 612.—Crep., 1846, 149.—Cuv., —.—Dies., 1850a, 426 (syns. *Hirudo sturionis* Abildg., Trist. *elongatum* Nitzsch, *Capsala elongata* Nord., Trist. *sturionis* Cuv. (in *Accipenser sturio*, A. *guldenstaedtii*, A. *acutirostris*; *Scotia*); 1858e, 363.—Duj., 1845a, 323 (syn. of Trist. *elongatum*).—Johnston, 1865, 33–34, 299.—Leidy, 1887, 24.—Linst., 1903, 280.—Lint., 1898c, 508; 1901, 408, 414, 435.—Mont., 1904, 117; 1905, 117.—Moquin-Tandon, 1846a, 394.—Mueh., 1898, 11, 17.—[Nitzsch, 1826, 150–151].—Nord., 1832a, 66; 1840, 602 (syn. of *Capsala elongata*).—Oken, —, 371.—Tasch., 1878, 563, 564, 565, 568 (syn. of Trist. *elongatum* Nitzsch); 1879, 56.

elongata (Nitzsch, 1826) Johnston, 1865, 34.—Braun, 1890a, 411, 419, 422, 424, 427, 428, 430 (*elongatum*), 431, 434, 437, 440, 445, 449, 450, 453, 456, 464, 472, 479, 489, 494, 497, 512, 527 (in *Acipenser sturio*), 547, 550; 1890e, 597, to (*Trist.*); 1892a, 667.—Gamb., 1896a, 56.—Kath., 1894a, 154.—Lint., 1901, 408, 414, 435 (in *Acipenser sturio*; Woods Hole, Mass.).—Mont., 1891, 106, pl. 6, fig. 32.—Pratt, 1900, 655, fig. 4; 657, 659.

hippoglossi (Mueller, 1776) Tasch., 1878, 568 (to *Trist.*) (for *hippoglossii*).

hippoglossi Ben., 1858a, 1861a, 21 (to *Epibdella*).—Tasch., 1878, 568 (*hippoglossi*) (to *Trist.*).

[*linearis*, a diatom.]

[*palea*, a diatom.]

papillosa Lint., 1898c, 508–509, pl. 40, figs. 1–6 (in *Gadus callarias*) [type U. S. N. M. 4874]; 1901, 414, 476 (in *Gadus callarias*; Woods Hole, Mass.).—Mont., 1904, 117 (to *Lintonia*); 1905, 70; 1905, 117 (to *Lintonia* as type).—Pratt, 1900, 659.

[*pulicaria*, a louse on the swift, *Chaetura pelagica*.]

[*sigmoidea*, a diatom.]

sturionis (Abildg., 1794) Kroyer, 1852–53a, 777 (in *Acipenser sturio* L.).

[*subtilis*, a diatom.]

NOCOTYLUS Nord., 1840, 602 (for *Notocotylus*).

NOTOCOTYLE Dies., 1850a, 288, 411, for *Notocotylus* 1839 (m. *triseriale*) (syns. *Fasc. Frœlich*, *Festucaria* Schrank, *Monost. Zed.*, *Notocotylus* Dies.); 1858e, 314, 369; 1859c, 437–438.—Brand., 1891d, 22; 1892, 506, 508.—Braun, 1890a, 515; 1893a, 887, 890, 891, 893, 895, 914, 916, 918; 1893b, 179, 185; 1893d, 466; 1901b, 51, 52; 1901e, 346.—Cohn, 1904, 230.—Gamb., 1896a, 73.—Goldb.,

NOTOCOTYLE—Continued.

1855, 17.—Hoyle, 1890, 539 (N. triseriale Dies.=Monost. verrucosum).—Jackson, 1888, 642 (cf. Monost. verrucosum).—Looss, 1894a 131, 204; 1896b, 147, 1899b, 661-664, 665, 667; 1901, 192 (cf. Monost. verrucosum); 1902m, 546, 602, 610, 612, 639, 701.—Luehe, 1901, 174.—Mont., 1888, 84, 93, 106; 1892m, 24-46, pl. 1, figs. 1-19; — 126; 1892, Oct. 7, 182, 183, 214 (gen. of Monostomidae); 1892; 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 702, 703, 704, 705, 706, 708, 709, 713, 714; 1893, 15, 24, 27, 28, 52, 83, 84, 91, 105, 108, 144, 205; 1896, 151.—Odhm., 1905, 367, 368, 370.—Ofenheim, 1900, 156, 183.—Ssinitzin, 1896, in 1-20, 1 pl. (in birds at Warschau).—Stoss., 1902, 5.—Tasch., 1879, 234.

egyptiaca Odhn., 1905, 370 (Monost. verrucosum cf. Looss, 1896, renamed).

alveatum (Mehlis, 1845) Mont., 1892, 39, 41, pl. 1, fig. 8 (in *Anas penelope*, *Fuligula marila*, *Harelda glacialis*, *Oidemia fusca*, *Somateria mollissima*).—Braun, 1893a, 916; 1893b, 185.

diserialis Ssinitzin (1896) (in *Rallus aquaticus*).

proteus (Brand., 1891) Mont., 1892, 703; 1892, 30.

triseriale (Dies., 1839) Dies., 1850a, 411-412 (syns. Fasc. verrucosa Frölich, F. anseris Gmelin, Festuc. pedata Schrank, Monost. verrucosum Zed., M. marillæ Rud., M. lineare Rud.); 1858e, 369 (in *Anas anser dom. et ferus*, *Hæmatopus ostralegus*, *Gryphæ*; *Fulica atra*); 1859c, 437 (syn. Monost. verr.) (in *Anas tadorna*, *Planorbis*, *Lymnæus*; Belgium).—Ben., 1858a, 1861a, 78 (syn. of Monost. verr.).—Brand., 1891d, 22 (triserialis).—Braun, 1892a, 581; 1893a, 916; 1893b, 177.—Hass., 1896a, 3 (syn. of N. verr. (Frölich)).—Hoyle, 1890, 539 (= Monost. verr.).—Kowal., 1895g, 41 (1).—Landois, 1882, 23 (triserialis).—Looss, 1894a, 204; 1896b, 146 (syn. of Monost. verr.).—Mont., 1892, 26, 40 (syn. of N. verr. Frölich).—Odhm., 1905, 367 (syn. of *Catatropis verrucosa*, type of *Catat.*); 1905, 370.—Rail., 1893a, 340 (= N. verr.).—Also reported for *Anas querquedula*, *Anser albifrons*, *A. cinereus*, *A. cinereus dom.*, *A. segetum*, *Fuligula ferina*, *Harelda glacialis*.

verrucosum Mont., 1892, 40 (for *verrucosum*).

verrucosum (Frölich, 1789) Mont., 1892, 28, 29, 30, 39, 40 (verrucosum), 41, pl. 1, figs. 1-7, 9-16 (syns. Monost. verr. Zed., M. attenuatum Rud., M. ovatum Mol., *Notocotyle triseriale* Dies.) (in *Anas bewikii*, *A. boschas dom.*, *A. boschas fer.*, *A. penelope*, *A. querquedula*, *Anser albifrons*, *A. cinereus ferus*, *A. cinereus dom.*, *A. leucopsis*, *A. segetum*, *Ascolopax gallinago*, *Cairina moschata*, *Crex pratensis*, *Cygnus musicus*, *Fulica atra*, *Fuligula cristata*, *F. ferina*, *F. marila*, *Gallinula chloropus*, *Gallus gallinaceus*, *Glaucio clangula*, *Hæmatopus ostralegus*, *Harelda glacialis*, *Mergus merganser*, *M. serrator*, *Oidemia fusca*, *Ortygometra porzana*, *Rallus aquaticus*, *Rhynchaspis clypeata*, *Somateria mollissima*, *Tadorna vulpanser*, *Vanellus cristatus*); 1892, 689, 690, 691, 703, 709; 1893, 24, 51.—Braun, 1893a, 916; 1893b, 185.—Kowal., 1896d, 254 (4) (in *Anas boschas*, *A. crecca*, *Fuligula marila*; Dublin).—Hass., 1896a, 3 (syns. Fasc. verr. (Frölich), Monost. verr. (Frölich), M. attenuatum Rud., M. lineare Rud., *Notocotylus triserialis* Dies., *Notocotyle triseriale* (Dies.)) (in *Gallus dom.*).—Looss, 1896b, 146 (syn. of Monost. verr. Frö.). 1899b, 661, 662, 663, 664, 770; 1902m, 444; (verrucosa; *Cerc. imbricata* Looss), 807.—Odhm., 1902, 63 (verrucosa).—Olss., 1893, 12-13.—Rail., 1893a, 340.—Stoss., 1901, 92 (4) (in *Rallus aquaticus*; Trieste).

verucosa Odhn., 1902, 63 (for *verrucosum*).

NOTOCOTYLUS Dies., 1839a, 234 (m. triserialis).—Braun, 1893a, 884.—Cobbold, 1877, 237, 238; 1877f, 326; 1879b, 360.—Mont., 1892, 26 (syn. of *Notocotyle*).—Moul., 1856a, 16.—Nord., 1840, 601-602 (*Nocotylus*).—Pratt, 1902, 890, 910.

triserialis Dies., 1839a, 234-235 (syns. Fasc. verrucosa Frölich, F. anseris, Fest. pedata Schrank, Monost. verrucosum Zed.) (in *Anas anser dom.*, *A. anser*, *A. querquedula*, *A. boschas dom.*, *A. marila*, *A. penelope*, *A. albifrons*, *Cygnus bewikii*, *Fulica atra*, *Gallinula porzana*, *Phasianus gallus*, *Rallus aquaticus*; Europe), pl. 15, figs. 23-25; 1850a, 411, to *Notocotyle*; 1858e, 369 (in *Anas anser dom. et ferus*, *Hæmatopus ostralegus*, *Greifswald*; *Fulica atra*).—Ben., 1858a, 1861a, 78 (syn. of Monost. verrucosum).—Crep., 1849a, 68.—Hass., 1896a, 3 (syn. of N. verr. (Frölich)).—Nord., 1840, 602 (*Nocotylus*) (syns. Fasc. verr., F. anseris, Monost. verr.).—Odhm., 1905, 366 (syn. of *Catatropis verrucosa* (Frölich)).—Rail., 1893a, 340.

OCBOTRYUM Moul., 1856a, 10, misprint for *Octobothrium*.

- OCHELOSOMA** Braun, 1901g, 944 (m. monstruosum); 1902b, 64, 65, 67.—Pratt, 1902, 888, 902.
monstruosum Braun, 1901g, 944 (in *Corone venustissima*; West Indies); 1902b, 65.
OCREATA Gœze, 1782a, 41, 182–183, a “Gattung” of *Fasciola* Gœze, from a Maulwurf.
OCTANGIINÆ Looss, 1902m, 699.
OCTANGIUM Looss, 1902m, 433, 633, 634, 637, 642, 645, 649, 650, 652, 653, 657, 660, 668, 670, 674, 675, 682, 684–685, 686, 687, 698, 699, 824 (tod. sagitta), family Angiodictyidae.
hasta Looss, 1902m, 686–687, 690, 697, pl. 29, figs. 128–132, 133b (in *Chelone mydas*; apparently Egyptian coast).
sagitta (Looss, 1899) Looss, 1902m, 416, 633, 636, 685–686 (syns. *Monost. proteus* ohne Geschlechtsproducten, of Walter, 1893, 197, pl. 10, figs. 13, 18, 19, etc.; *Microscaphidium sagitta* Looss, 1899), 687, 697, pl. 29, figs. 122–127, 133a, pl. 30, figs. 143, 144.
OCTOBOHTRINÆ Mont., 1903, 336, misprint for *Octobothrinæ* (f. *Octocotylidæ*).
OCTOBOTHRIDÆ Mont., 1888a, 86, 88, for *Octobothriidæ*.
OCTOBOTHRIDEA Tasch.—Olss., 1893, 4, subf. to contain *Octobothrium*, *Diplozoon*, *Diporpa*.
OCTOBOTHRII E. Bl., 1847, 330–331 (for *Onchobothriens* of Duj., 1845a, 312) (tribe of Trematoda, contains *Axine*, *Diplozoon*, *Diporpa*, *Octobothrium*, *Polyst.*).
OCTOBOTHRIDÆ Tasch., 1879, 235, 236, 238 (syn. *Octocotylidæ* Ben.); 1879, 68 (syn. *Octocotylidæ* Ben.).—Braun, 1890a, 516, 517, 533, 538.—Hoyle, 1890, 539 (*Octobothrium*, *Anthocotyle*, *Phyllocotyle*, *Platycotyle*, *Pleurocotyle*, *Diplozoon*, *Hexacotyle*, *Plectanocotyle*).—Jackson, 1888, 654 (*Octobothrium*, *Diplozoon*).—Mont., 1888a, 86 (*Octobothridæ*), 88.
OCTOBOTHRINÆ Mont., 1903, 336.
OCTOBOTHRIMUM F. S. Leuck., 1827a, 24 (m. *lanceolatum*); 1828, 18 (nec Dies., 1850a, *Cestode*) (m. *lanceolatum*); 1842a, 18, 29 (syns. *Mazocraes*, *Octost.*).—Ben., 1856e (*Octobothrium* du Merlan); 1858a, 1861a, 11, 44–45, 57, 193, 197, 345; 1868, 22.—Ben. & Hesse, 1864, 61, 102.—Braun, 1889k, 620, 621; 1890a, 445, 451, 469, 471, 477, 480, 489, 490, 515, 516, 517, 518, 522, 523, 534; 1891d, 422; 1895a, 1204; 1900a, 1654, 1657, 1671, 1672, 1679, 1684, 1705, 1726.—Burm., 1837a, 530.—Carus, 1863, 477–478.—Cerf., 1895h, 916, 920, 921; 1895m, 139; 1896, 516, 546; 1899a, 391.—Cobbold, 1879b, 35, 41.—Crep., 1838, 84; 1839, 291.—Dies., 1850a, 417 (of Nord., syn. of *Didiphora*), 419 (of Nord., syn. of *Cyclocotyle*), 421 (syn. of *Octocotyle* Dies.), 423 (syn. of *Discocotyle* Dies.), 480, 603 (Dies., n. g., cestode, m. *rostellatum*); 1863, 284.—Duj., 1845a, 312–313, 314–315, O. (*Cyclocotyle*).—Gamb., 1896a, 56, 73.—Goto, 1891a, 161, 174, 178, 183, 184; 1891c, 103; 1893a, 798.—Haswell, 1892b, 149; 1893e, 114.—Hoyle, 1890, 539 (of Nord.).—Ijima, 1884c, 638.—Jackson, 1888, 654.—Johnston, 1865a, 30, 31.—Kath., 1894a, 148.—Kroyer, 1843–45a, 166 (in *Lota molva* Cuv.).—R. Leuck., 1863a, 450, 615.—Looss, 1892, 72, 73.—Mayer, 1841a, 25, 33.—Mont., 1888, 83, 84, 88, 89; 1893, 111; 1903, 336 (syns. *Glossocotyle* [+*Ophicotyle*] (subf. *Octobothrinæ*).—Nord., 1832a, 69, 76–77; 1840, 599.—Par. & Perugia, 1896, in 135–138; 1896, 4 pp.; —, 653.—Pratt, 1900, 646, 652, 656, 660, fig. 33.—St.-Remy, 1898, 523, 544–545.—Schneider, 1866, 334.—Scott, 1901, in 120–153; 1901, 145.—Tasch., 1879, 232, 233, 238, 239, 240, 241, 242, 243; 1879, 248 (of Grube) (syn. of *Pleurocotyle* Gerv. & Ben.); 1879, 35, 59, 69.
1856: *Ochotryum* Moul., 1856a, 10, misprint.
alosz Leuck., (1828).—Cerf., 1895h, 918, 920, 921, 922; 1895m, 140; 1896, 516, 517, 547.—Duj., 1845a, 313 (syn. of *O. lanceolatum*) (in *Clupea alosa*; Rennes).—Mayer, 1841a, 19, pl. 3, figs. 1–8.
alosz (Ben. & Hesse, 1863) Braun, 1890a, 414, 418, 534, O. (*Glossocotyle*), 548 (Brest), 550 (in *Alosa vulgaris*).—Tasch., 1879, 244 (syn. *Glossocotyle alosz*) (in *Alosa vulgaris*).—St.-Remy, 1898, 545.
alosz (Hermann, 1782) E. Bl., —.—Ben. & Hesse, 1858a, 1861a, 46 (syn. of *O. lanceolatum*).—Scott, 1901, 8; 1901, 145, pl. 8, fig. 21 (in *Clupea alosa*, C. finta); 1905, 118.—Tasch., 1879, 244 (syn. of *O. lanceolatum* Leuck.).
alosz of Mayer, 1841a, 19, see *lanceolatum alosz*.—Baird, 1853a, 40 (= *O. lanceolatum*).

OCTOBOTHRUM—Continued.

- arcuatum* (Sons., 1890) Braun, 1890a, 534 (= *Vallisia striata* Par. & Perugia), 551 (in *Lichia amia*).
- bellones* (Otto, 1823) Tasch., 1879, 245–246 (syn. *Cyclocotyle bellones* Otto) (in *Bellone acus*).—St.-Remy, 1898, 555.
- belones* (Otto, 1823) Nord., 1840, 600 (for *bellones*) (syn. *Cyclocotyla bellones* Otto).—Dies., 1850a, 419 (to *Cyclocotyle*).
- bramæ* Par. & Perugia, 1896, 1 (in *Brama rayi*; Genova).—St.-Remy, 1898, 548 (to *Octocotyle*).
- chrysophryi* (Ben. & Hesse, 1863) Braun, 1890a, 418, 535, 548, 550.—Tasch., 1879, 247 (syn. *Choricotyle* chr. Ben. & Hesse) (in *Chrysophrys aurata*).
- denticulatum* Olss., 1876, 10, pl. 1, figs. 13–17 (in *Gadus virens*).—Braun, 1890a, 418, 499, 514, 534, 548, 550.—Cerf., 1895h, 914, 921 (in *Gadus carbonarius*; Skagerrack); 1896, 510–511, 516.—Lint., 1900, 269, 283, 286, pl. 33, figs. 6–10; 1901, 408, 414, 474 (in *Pollachius virens*; Woods Hole, Mass.).—Par., 1899, 4; 1902, 3 (in *Gadus minutus*; Elba).—St.-Remy, 1898, 549 (to *Dactylocotyle*).—Tasch., 1879, 246 (in *Gadus virens*).
- digitatum* Rathke, (1843), 242–244, pl. 12, figs. 13–15 (in *Hippoglossus gigas*; Norway).—Ben., 1858a, 1861a, 50, 51.—Cerf., 1895h, 917 (syn. of *O. palmatum*); 1896, 513.—Dies., 1850a, 418 (syn. of *Diclidophora palmata*); 1858e, 384 (syn. of *Dicl. pal.*); 1859c, 443, to *Octoplectanum*.—Johnston, 1865, 31.—Tasch., 1879, 246 (syn. of *Octob. pal.*).
- [*dipsacum* Lint., 1897a, 806, a cestode.]
- esmarkii* Scott, 1901, 147, pl. 8, fig. 22 (in *Gadus esmarkii*; Shetland); 1905, 118.
- finta* (Ben. & Hesse, 1863) Tasch., 1879, 244 (type of *Ophicotyle* Ben. & Hesse) (in *Alosa finta*).—Braun, 1890a, 414, 418, 452, 534, 548, 550.—St.-Remy, 1898, 546.
- harengi* (Ben. & Hesse, 1863) Tasch., 1879, 244 (in *Clupea harengus*).—Braun, 1890a, 414, 418, 452, 534, 548, 550.—St.-Remy, 1898, 545.—Scott, 1901, 145–146 (in *Clupea harengus*); 1905, 118.
- heterocotyle* (Ben., 1870) Tasch., 1879, 245 (in *Clupea sprattus*).—St.-Remy, 1898, 555.
- hirudinaceum* Bartels, 1834, 61 (t. h. *Salmo lavaretus*; St. Petersburg).—Crep., 1839, 291.—Duj., 1845a, 315 (to *Cyclocotyle*).—Leuck., 1842, 30.—St.-Remy, 1898, 555.
- hirudinaceum* Dies., 1850a, 424, for *hirudinaceum* (to *Discocotyle*) (in *Coregonus wartmanni*).
- lanceolatum* Leuck., 1827a, 24 (in *Clupea alosa*; Germany); 1828, 18, pl. 1, fig. 7a–b (in *Alosa vulgaris*); 1842, 29.—Ben., 1858a, 1861a (of Duj.), 45–49, 50, 51, 53, 168, 169, 170, 172, 176, 186, 189, 190, 196, pl. 5, figs. 1–18 (syns. *Mazocras alosæ* Hermann, *Octob. alosæ* Leuck., *Octost. alosæ* Kuhn, *Octocotyle lanceolata* Dies.); 1868, 5; 1868, 34, figs. 11–12.—Ben. & Hesse, 1864, 101.—Braun, 1890a, 407, 414, 419, 429, 431, 438, 439, 442, 448, 452, 453, 476, 483, 485, 489, 490, 494, 511, 534, 548, 550; 1891a, 52, 54.—Cobbold, 1872b, 90; 1879b, 41.—Crep., 1838, 84; 1839, 291.—Dies., 1850a, 422 (to *Octocotyle*); 1859c.—Duj., 1845a, 313, pl. 8, fig. F.—Fraip., 1880a, 400; 1880c, 416, 433; 1883a, xxxvi.—Jackson, 1888, 646, 649.—Kerbert, 1881a, 556.—Kroyer, 1846–53a, 218 (in *Alosa finta* Cuv.).—Looss, 1894a, 234.—Mont., 1893, 112.—Nord., 1832a, 58, 76, 77 (syns. *Octost. alosæ* Kuhn, *Maz. alosæ* Herm.); 1840, 599 (syns. *Maz. alosæ* Herm., *Octost. alosæ* Kuhn).—Par., 1896, 1.—St.-Remy, 1898, 545.—Tasch., 1879, 241, 242, 244 (syns. *Maz. alosæ* Herm., *Octost. alosæ* Kuhn, *Octob. alosæ* (Herm.) E. Bl., *Octocotyle lanceolata* Dies., *Octoplectanum lanceolatum* Dies.) (in *Alosa vulgaris*).
- lanceolatum alosæ* Mayer, 1841a, 19–25, 4 (*lanceolatum*), pl. 3, figs. 1–9, Hermann's species.
- leptogaster* Leuck., 1830a, 612 (t. h. *Chimaera monstrosa*; Europe); 1842a, 22–23, 30, pl. 1, fig. 5, pl. 2, figs. 2a–b.—Braun, 1890a, 418, 514.—Dies., 1850a, 424 (to *Discocotyle*).—Duj., 1845a, 314–315 (to *Cyclocotyle*).—St.-Remy, 1898, 546.—Tasch., 1879, 245 (syns. *Discocotyle lept.* Dies., *Placoplectanum lept.* Dies.) (in *Chim. monst.*).—Wagener, 1852, 544.
- lusca* (Ben. & Hesse, 1863) Tasch., 1879, 247 (in *Morrhua lusca*).—Braun, 1890a, 418, 535, 551.

OCTOBOTHRIUM—Continued.

- merlangi* (Kuhn, 1830) Nord., 1832a, 76, 78–80, 81, pl. 7, figs. 1–5 (in *Gadus merlangus*), 115, pl. 7, figs. 1–5; 1840, 599.—Ben., 1856a, —; 1856e, —; 1857n; 1858a, 1861a, 49–52 (syn. *Diclidophora longicollis* Dies.) (in *Gad. merl.*).—Braun, 1889h, 621; 1891a, 52; 1890a, 410, 415, 419, 424, 452, 453, 534, 546, 548, 549, 550, 551; 1893b, 179.—Cerf., 1895h, 915–916 [920], 921 (syns. *Octob. platygaster* Leuck., *Dicl. longic. Dies.*, *Octoplectanum longic. Dies.*, *Octob. squillarum* Par. & Perugia) (in *Gad. merl.*); 1896, 511, 516.—Crep., 1838b, 84; 1839a, 291.—Dies., 1850a, 417 (renamed *Diclidophora longicollis*); 1858e, 384 (syn. of *Dicl. longic. Dies.*); 1859c, 443.—Duj., 1845a, 314 to (*Cyclocotyle*).—Gamb., 1896a, 56, fig. 23.—Scott, 1901, 146–147 (in *Gad. merl.*); 1901, 343 (in *Gad. merl.*; Irish Sea); 1905, 118 (Scott, 1895, pl. 4).—Tasch., 1879, 241, 242, 245 (syns. *Dicl. longic. Dies.*, *Octoplectanum longic. Dies.*) (in *Merlangus communis*, *Cymothoa oestroides*).—Reported also for *Box salpa*, *Boops* sp., *Bopyrus squillarum*.
- minus* Olss., 1876, 10 (in *Gadus melanostomus*).—Braun, 1890a, 418, 514, 534, 548, 550.—Cerf., 1895h, 922; 1896, 517; 1898a, 302 (in *Gad. mel.*).—Tasch., 1879, 246 (in *Gad. mel.*).
- morrhua* (Ben. & Hesse, 1863) Tasch., 1879, 246 (in *Gadus morrhua*).—Braun, 1890a, 419, 535, 548, 550.
- palmatum* Leuck., 1830a, 612 (t. h. *Gadus molva*; Germany); 1842a, 24–28, 30, pl. 1, fig. 4 (in *Gad. mol.*)—Ben. & Hesse, 1864, 107 (to *Pterocotyle*).—Braun, 1890a, 419, 492, 494, 497, 514, 535, 548, 551.—Cerf., 1895h, 916–917, 921 (syns.: *Octodactylus* [type] *inhærens* Dalyell, *Octob. digitatum* Rathke, *Diclidophora pal. Dies.*, *Pterocotyle pal. Ben. & Hesse*, *Octoplectanum pal. Dies.*) (in *Gad. mol.*); 1896d, 513, 516.—Dies., 1850a, 418 (to *Diclidophora*).—Duj., 1845a, 314 to (*Cyclocotyle*).—Johnston, 1865a, 31.—Kroyer, 1838–40a, 608 (in *Lota molva* L.).—Tasch., 1879, 241, 242, 246 (syns.: *O. digitatum* Rathke, *Dicl. pal. Dies.*, *Octoplectanum pal. Dies.*, *Octodactylus inhærens* Dalyell, *Pterocotyle pal. Ben. & Hesse*) (in *Molva vulgaris*, *Hippoglossus gigas*).—Reported also for *Gadus merlangus*.
- phycidis* (Par. & Perugia, 1889) Braun, 1890a, 418, 535, 548, 551 (in *Phycis blennoides*).
- pilchardi* (Ben. & Hesse, 1863) Tasch., 1879, 244 (in *Clupea pilchardus*).—Braun, 1890a, 414, 418, 534, 548, 550.—St.-Remy, 1898, 546.
- platygaster* Leuck., 1842a, 30 (in *Gadus merlangus*).—Cerf., 1895h, 915 (syn. of *O. merlangi*); 1896a, 511.—Duj., 1845a, 314 (syn. of *O. merlangi*).
- pollachii* (Ben. & Hesse, 1863) Tasch., 1879, 246–247 (in *Merlangus pollachius*).—Braun, 1890a, 415, 418, 452, 535, 548, 551.—Par. & Perugia, 1891, 18, to (*Dactylocotyle*).
- [*rostellatum* Dies., 1850a, 603 (syns. *Tænia erythrini* Fabricius, *Halysis octolobata* Zed., *Tænia octolobata* Rud.) (in *Sebastes norvegicus*); 1863, 284 (misprinted *Onchobothrium rostellatum* Dies.).—Braun, 1895a, 1204.—Kroyer, 1852–53a, 595?, 1261.—Luehe, 1899, 542.—Zschokke, 1903, 27, 28.]
- sagittatum* Leuck., 1842a, 49–57, pl. 2, fig. 5a–k (in *Salmo fario*).—Braun, 1890a, 518, 534, 548, 551.—Dies., 1850a, 424 (to *Discocotyle* as type); 1858e, 384 (syn. of *Diclidophora palmata*); 1859c, 443 (syns. *Octoplectanum longicolle*, *O. palmatum*).—Duj., 1845a, 314.—Hofer, 1903e, 38–39, 1 fig. (pernicious anemia).—Pratt, 1900a, 656, 657, 660 (key), fig. 33.—St.-Remy, 1898, 555.—Tasch., 1879, 241, 243–244 (syns. *Cyclocotyle lanceolata*, *Discocotyle sag.*, *Placoplectanum sag.*) (in *Salmo fario*).—Also reported for *Coregonus lavaretus*, *Salmo trutta*.
- scombri* (Kuhn, 1829) Nord., 1832a, 76, 77–78 (in *Scomber scomber*); 1840, 599.—Ben. & Hesse, 1864, 100 (of *Grube* to *Pleurocotyle*).—Braun, 1890a, 410, 418, 452, 514, 534, 548, 552.—Burm., 1837, 530.—Crep., 1838b, 84; 1839a, 291.—Dies., 1850a, 422 (syn. of *Octocotyle tunicata*); 1858e, 385 (of *Grube*, renamed *Grubea cochlear*, type of *Grub.*).—Duj., 1845a, 313, pl. 8, fig. e.—*Grube*, 1855a, 137–140, pl. 6, figs. 1–3 (on *Scomber scomber*), see also *Tetracotyle scombri*.—Leuck., 1842a, 30.—Scott, 1901a, 344 (in *Mackerel*; *Manx coast*); 1901, 146, pl. 8, fig. 20 (in *Scomberscombrus*); 1905, 118.—Stoss., 1898, 12.—Tasch., 1878, 574, 575, 576 (of *Grube*, to *Pleurocotyle*); 1879, 241, 242, 243 (syn. *Octocotyle truncata*, *Octoplectanum trunc.*, *Octocotyle sc.*) (in *Sc. scombrus*, *S. colias*; Naples), 248 (of *Grube*) (to *Pleurocotyle*).
- smaris* Ijima, in Goto, 1894a, 207, see sub *Diclidophora*.—Cerf., 1895m, 140; 1896, 547.

OCTOBOTHRIMUM—Continued.

species Ijima, 1884c, 637.

species Braun, 1890a, 472.

squillarum (Par. & Perugia, 1889) Cerf., 1895h, 916, syn. of *Octob. merlangi* (Kuhn); 1896, 512.—St.-Remy, 1898, 555 (syn. of *Dactylocotyle merlangi*, teste Parona).

taschenbergii (Par. & Perugia, 1898) Braun, 1890a, 535, 548, 552 (in *Sargus rondeletii*).

thunninae (Par. & Perugia, 1898) Braun, 1890a, 419, 534, 548, 552 (in *Thynnus thunnina*).

OCTOBOTHRIMUM Fraip., 1883a, 36, for Octobothrium.

OCTOCOLYTE Mont., 1888a, 57 (for Octocotyle).

OCTOCOTYLE Dies., 1850a, 289, 421–422 (includes lanceolata [type by inclusion] and truncata); 1858e, 382–393, renamed Octoplectanum, (syns. Mazocraes, Octobothrium, Octostoma).—Ben. & Hesse, 1864, 96, 97.—Braun, 1890a, 477, 516, 517, 518, 522, 546; 1893a, 890.—Burm., 1856a, 251.—Cerf., 1895h, 918, 920; 1895m, 139; 1896, 514, 515, 516, 547; 1899a, 391.—Cunningham, 1897a, 279.—Goldb., 1855a, 19.—Goto, 1893a, 798; 1894a, 201.—Mont., 1888a, 7, 8, 11, 59, 66, 86, 89, 99; 1892, Oct. 7, 213 (g. of Octocotylinæ) (contains as subg.: Vallisia, Anthocotyle, Diplozoon, Hexacotyle, Phyllocotyle, Plectanocotyle, Platycotyle, Pleurocotyle); 1903, 336 (subf. Octocotylinæ).—Pratt, 1900, 646, 652 (key), 656, fig. 34.—St.-Remy, 1898, 523, 545, 546.—Stoss., 1898, 12.—Tasch., 1879, 239, 241, 242.—See Mazocraes 1782.

1858: Octoplectanum Dies., 1858e, 382 (Octocotyle renamed, hence same type).

1888a: Octocolyte Mont., 1888a, 57, misprint.

1894: Octocotyle: Par., 1894, 594, misprint.

appendiculata (Kuhn, 1829) Sons., 1890, 176.

arcuata Sons., 1890, 112–113 (on *Lichia amia*; [Mus. Pisa]); 1890, 137–139 (syn. of *striata* Par. & Perugia).—Par. & Par., 1891, 17.

bramæ (Par. & Perugia, 1896) St.-Remy, 1898, 547–548 (in *Brama rayi*).

emarginata (Olss., 1876) Sons., 1890, 176.

harengi Ben. & Hesse, 1863, 1864, 98–99, pl. 9, figs. 1–10 (in *Clupea harengus*).—Braun, 1890a, 498.—Mont., 1888a, 13.—Tasch., 1879, 244 (to Octobothrium).

lanceolata (Leuck., 1828) Dies., 1850a, 422 (includes Mazocraes alosæ Hermann, Octobothrium lanceolatum Leuck., Octostoma alosæ, in *Alosa vulgaris*; 1858e, 383 (to Octoplectanum); 1859c, 442 (to Octoplectanum).—Baird, 1853a, 40.—Ben., 1858a, 1861a, 44, 46 (to Octobothrium).—Cerf., 1895m, 139; 1896, 547.—Hausmann, 1897b, 4, 7, 20, 23 (in *Alosa vulgaris*).—Mont., 1888a, 13, 34; 1888, 26 (lanceolatus); 1893, 111.—Tasch., 1879, 244 (to Octobothrium).

lanceolatus Mont., 1888a, 26, for lanceolata.

leptogaster (Leuck., 1830, 1842) Par. & Perugia, 1890, 6, to (Octobothrium); 1892, 2–5 (87–90), pl. 3, figs. 7–8.—Par., 1894, 135 (in *Chimæra monstrosa*; Nizza).—Wagener, 1852, 544.

major Goto, 1894a, 203–205, pl. 9, figs. 1–6 (on gills of *Scomber colias*; Misaki); 1899, 274, 275, 276.—Cerf., 1895m, 140 (in Sc. col.); 1896, 547.—St.-Remy, 1898, 546–547.

majus St.-Remy, 1898, 547, misprint for major.

merlangi (Kuhn, 1829) Mont., 1888a, 11, 26; 1890, 420; 1893, 111.—Par., 1894, no. 727; 1894, no. 1060.

minor Goto, 1894a, 205–206; pl. 9, figs. 7–13 (on gills of *Scomber colias*; Japan); 1899, 274, 275, 276.—Cerf., 1895m, 140 (in Sc. col.); 1896, 547.—St.-Remy, 1898, 547.

pilchardei Mont., 1888a, 66, misprint for pilchardi.

pilchardi Ben. & Hesse, 1863, 1864a, 99, pl. 9, figs. 29–35 (on *Clupea pilchardus*).—Braun, 1890a, 498.—Mont., 1888a, 13, 66 (pilchardei).—Tasch., 1879, 244 (to Octobothrium).

scomberi (Kuhn, 1829) Ben. & Hesse, 1864a, 97–98 (on maquereau).—Cerf., 1895m, 140 (in *Scomber scombrus*); 1896, 547.—Goto, 1899a, 274–276.—Kroyer, 1838–40a, 595 (in Sc. sc.).—Mont., 1890, 421.—Par. & Perugia, 1889, 742, fig. 3 (in Sc. sc.; Genova); 1890, 742, fig. 3; 1890, 6.—Par., 1894, 503.—Pratt, 1900, 656, 657, 660, fig. 34.—St.-Remy, 1898, 546.—Staff., 1904, 482 (in Sc. sc.; Canada).—Stoss., 1892, 66; 1898, 12.—Tasch., 1879, 243 (to Octobothrium).—Also reported for Sc. colias.

OCTOCOTYLE—Continued.

species Mont., 1888a, 57, 58.

striata (Par. & Perugia, 1890) Sons., 1890, 137–139 (syn. *O. arcuata* Sons.) (in *Seriola dumerilii*, Pisa; *Lichia amia*, Pisa and Triest); 1891, 9. März, 87–88, to (Vallisia).

thunninae Par. & Perugia, 1889, 742–743, fig. 4 (in *Thynnus thunnina*; Genova); 1890, 742–743, fig. 4 (in *Th. thunnina*; Genova); 1890, 6.—Par., 1894, 594 (Octocotyle).—St.-Remy, 1898, 557.

thynni Par. & Perugia, 1891, 19 [lapsus for *thunninae*?].

truncata Dies., 1850a, 422 (*Octostoma scombri*, Kuhn, 1829, renamed) (t. h. *Scomber scombrus*; Rhedoni); 1858e, 383 (to *Octoplectanum*).—Cerf., 1895m, 139, [140]; 1896, 547.—Stoss., 1898, 12.—Tasch., 1879, 243 (to *Octobothrium*).

OCTOCOTYLIDÆ Ben. & Hesse, —.—Braun, 1890a, 511, 516, 517, 519, 523, 533, 546.—Cerf., 1895e, 523; 1896d, 497–560, pls. 22–25; 1896, 509, 1899a, 345; 365, 452.—Mont., 1888a, 8, 11, 13, 18, 20, 34, 66, 84 (Octocotylides), 88, 89, 90, 99, 108; 1903, 336 (subf. *Onchocotylinæ*) (g. *Squaloncocotyle*, *Onchocotyle* [= *Acanthoncocotyle*], *Rajonchocotyle*); *Octocotylinæ* (g. *Octocotyle*, *Dactycotyle* [= *Pterocotyle*]); *Octobothrinæ* (g. *Octobothrium* [= *Glossocotyle* [+ *Ophicotyle*]], *Diplozoon*, *Vallisia*); *Diclidophorinæ* (g. *Diclidophora* [= *Choricotyle*], *Cyclobothrium*, *Heterobothrium*); *Plagiopeltinæ* (g. *Hexacotyle* [= *Plagiopeltis*]); *Diaphorocotylinæ* (g. *Erpocotyle*, *Anthocotyle*); 1905, 77.—Par. & Perugia, 1890, 6 (= *Polystomeæ* Tasch.).—Scott, 1901, 141.—Sons., 1890, 138.—Tasch., 1879, 68 (syn. of *Octobothriidæ*); 1879, 235 (*Octocotylides*); 1879, 236 (syn. of *Octobothriidæ*).

OCTOCOTYLIDES Cerf., 1900, 436–438.

OCTOCOTYLINÆ Braun, 1893a, 890.—Gamb., 1896, 73.—Mont., 1892, Oct. 7, 213 (subf. of *Polystomidæ*); 1903, Dec., 336 (f. *Octocotylidæ*).—Pratt, 1900, 651 (includes: *Octocotyle*, *Octobothrium*, *Dactylocotyle*, *Diclidophora*, *Anthocotyle*, *Vallisia*, *Diplozoon*, *Phyllocotyle*, *Hexacotyle*, *Plectanocotyle*, *Platycotyle*, *Pleurocotyle*).—St.-Remy, 1898, 523, 544.—Scott, T., 1901, 141.

OCTOCOTYTE Par., 1894, 594, misprint for *Octocotyle*.

thunninae (Par. & Perugia, 1889) Par., 1894, 594.

OCTODACTYLUS Dalyell, 1853a, 262 (m. *inhærens*).—Braun, 1890a, 518.—Goto, 1893a, 798.—Tasch., 1879, 239.

inhærens Dalyell, 1853a, 262–263, pl. 36, figs. 1–2 (on the ling).—Ben. & Hesse, 1864a, 107 (syn. of *Pterocotyle palmata* Ben. & Hesse).—Braun, 1889a, 348 (is *Octobothrium*).—Cerf., 1895h, 917 (syn. of *Octobothrium pal.*); 1896, 513.—Johnston, 1865a, 31.—Tasch., 1879, 246 (syn. of *Octob. pal. Leuck.*).—Reported for *Gadus morrhua*.

OCTOPLECTANUM Dies., 1858e, 315, 382–383 (*Octocotyle*, 1850, renamed, hence *lancoolata*=*alosæ* (*Mazocraes*), type by renaming and inclusion); 1859, 442.—Braun, 1890a, 518.—Tasch., 1879, 239.—See *Mazocraes*.

affine Lint., 1898c, 511–512, pl. 40, figs. 10–13, pl. 41, figs. 1–5 (in *Paralichthys dentatus*; Woods Hole, Mass.).

harengi (Ben. & Hesse, 1863) Linst., 1889, 95, in *Clupea harengus*.

heterocotyle (Ben., 1870) Linst., 1885, 252–253, pl. 15, fig. 30; 1889, 96, in *Clupea sprattus* Bl.

lancoelatum (Leuck., 1828) Dies., 1858e, 383 (in *Alausa vulgaris*); 1859, 442–443 (includes *Mazocraes alosæ* Hermann, *Octobothrium lanc.*, *Octost. alosæ* Kuhn, *Octocotyle lanc.*).—Tasch., 1879, 244 (to *Octobothrium*).—Type by renaming and inclusion.

longicolle (Dies., 1850) Dies., 1859c, 443.—Cerf., 1895h, 915 (syn. of *Octobothrium merlangi*); 1896, 512.—Tasch., 1879, 245 (syn. of *Octob. merl.* (Kuhn)).—Reported for *Merlangus pollachius*, *M. vulgaris*, *Morrhua barbata*.

palmatum (Leuck., 1830) Dies., 1859c, 443.—Cerf., 1895h, 917 (to *Octobothrium*); 1896, 513.—Tasch., 1879, 246 (to *Octob.*).—Reported for *Hippoglossus gigas*, *Lota molva*.

pilchardi (Ben. & Hesse, 1863) Linst., 1889, 95 (in *Clupea pilchardus*).

truncatum (Dies., 1850) Dies., 1858e, 383 (in *Scomber scombrus*; Rhedoni); 1859c, 443–444.—Stoss., 1898, 12.—Tasch., 1879, 243 (syn. of *Octobothrium scombri* (Kuhn)).

OCTOSTOMA Otto, 1823, 302, as syn. of *Cyclocotyla* [not *Octostoma* syn. of *Polyst.*].

OCTOSTOMA Kuhn, 1829b, 358–363 (alosæ=lanceolata=alosæ (Mazocraes), type by inclusion, also type by first species rule).—Braun, 1890a, 518.—Cerf., 1899a, 349.—Mayer, 1841a, 20.—Tasch., 1879, 239.

alosæ Kuhn, 1829b, 358–361 (in Clupea alosa), pl. 17, figs. 1–3.—Ben., 1858a, 1861a, 44, 46 (syn. of Octobothrium lanceolatum).—Cerf., 1899a, 348, 349.—Duj., 1845a, 313 (=Octob. lanc.).—Nord., 1832a, 76, 77, 82 (syn. of Octob. lanc.).—Tasch., 1879, 241, 244 (syn. of Octob. lanc.).

heterocotyle Ben., 1870, 67 (in Clupea sprattus).—Tasch., 1879, 245 (to Octobothrium).

merlangi Kuhn, (1829b) (t. h. Merlangus communis).—Ben., 1858a, 1861a, 44, 49, 168, 169, 172, 196 (to Octobothrium).—Cerf., 1895h, 915 (to Octob.); 1896, 511; 1899a, 349.—Crep., 1839a, 291.—Duj., 1845a, 314 (to Octob.).—Nord., 1832a, 78–80, 82 (to Octob.) (in Gadus merlangus); 1840, 599 (to Octob.).—Scott, 1901, 343 (to Octob.).—Tasch., 1879, 245 (to Octob.).

scomberi Kuhn, 1829b, 361–362, pl. 17, figs. 4–5 (t. h. Scomber scomber).—Cerf., 1899a, 348, 349.—Duj., 1845a, 313 (to Octob.).—Nord., 1832a, 77–78 (to Octob.); 1840, 599 (to Octob.).—Scott, 1901, 344 (to Octob.).—Stoss., 1898, 12 (in Sc. scombrus; Triest).—Tasch., 1879, 243 (to Octob.).

OGMOGASTER Jægers., 1891, 131 (m. plicatus); 1891b, 1892a.—Brand., 1892, 506.—Braun, 1892a, 605, 609, 641, 664, 671, 676, 677, 683, 684, 685, 699, 704, 708, 709, 711, 715, 717, 718, 721, 725, 726, 729, 737; 1893a, 887, 890, 893, 895, 914, 916, 918; 1893b, 179.—Gamb., 1896a, 73.—Lander, 1904a, 5.—Looss, 1899b, 664–665; 1902m, 610.—Mont., 1892, Oct. 7, 214 (g. of Monostomidæ); 1893, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 701, 702, 703, 704, 705, 713; 1893, 28, 83, 144, 203, 205.—Ofenheim, 1900, 156.—Pratt, 1902, 890, 910 (key).—Rosbach, 1906, 374.

plicatus (Crep., 1827) Jægers., 1891, 129, 132, 134; 1891b, 32 pp., figs. 1–6; 1892a, 572–573.—Bettend., 1897, 319; 1897a, 15.—Braun, 1892a, 575, 600, 603, 607, 608, 609, 638, 640, 641, 647, 682, 688, 712, 717, 718, 719, 724, 731, 733, 765; 1893a, 917 (in Balanoptera musculus, B. borealis); 1893b, 177 (plicata), 186; 1901e, 344.—Darr, 1902, 657.—Looss, 1899b, 665.—Mont., 1892, 685, 689; 1893, 203.—Odhn., 1905, 366 (Monost. plicatum).

OISTOSOMUM Odhn., 1902, 26–27 (m. caduceus); 1902, 42.—Pratt, 1902, 888, 899.

caduceus Odhn., 1902, 26–27 (in Krokodil; Sudan).

OLIGOCOTYLIDÆ Par. & Perugia, 1890, subf.—Braun, 1890a, 546.—Cerf., 1899a, 365, 452.

OLYOCOTYLEA Mont., 1903, 335–336 (“Sezione” contains: Tristomidæ Ben., 1858, Monocotylidæ Tasch., 1879).

OMPHALOMETRA Looss, 1899b, 562 (m. flexuosa) (ὁ ὀμφαλικός=Nabel or Mitte; ἡ μήτρα=uterus); 1902m, 839.—Braun, 1901b, 33.—Pratt, 1902, 887, 896.—Stoss., 1901, 93 (5).

flexuosa (Rud., 1809) Looss, 1899b, 562.—Stoss., 1901, 93 (5).

OMPHALOMETRINÆ Looss, 1899b, 543, 562; 1902m, 839.—Luche, 1900, 490.—Pratt, 1902, 887, 896 (includes: Omphalometra, Cathæmasia).—Stoss., 1901, 93 (5).

ONCHOCOTYLINÆ Cerf., 1899a, 396 (for Onchocotylinæ).

ONCHOCOTYLE Dies., 1850a, 289, 419 (m. appendiculata); 1858e, 314, 370–371; 1859c, 438.—Ben., 1853b, 59–68, figs. 1–11; 1858a, 1861a, 11, 54, 345.—Ben. & Hesse, 1864, 84.—Brand., 1891d, 21; 1894a, 308.—Braun, 1890a, 413, 415, 434, 437, 438, 444, 451, 471, 473, 474, 475, 484, 490, 491; 511, 515, 516, 517, 523, 538, 539, 546; 1893a, 890.—Carus, 1863, 478.—Cerf., 1899a, 345, 346, 347, 351, 359, 365, 368, 369, 371, 402, 411, 434, 452.—Chatin, 1880f, 591; 1881a, 311.—Gamb., 1896a, 73.—Goldb., 1855a, 19.—Goto, 1893a, 798, 800; 1894a, 222–224.—Haswell, 1887a, 286.—Hoyle, 1890, 539.—Jackson, 1888, 647, 654.—Kerbert, 1881a, 544, 554, 572.—Looss, 1894a, 203.—Mont., 1888a, 11, 16, 34, 36, 38, 43, 52, 53, 56, 57, 58, 59, 60, 65, 66, 67, 84, 86, 100; 1892, 35, 36; 1892, Oct. 7, 213 (g. of Polystominae); 1893, 118; 1903, 336 (syn. Acanthoncotyle) (subf. Onchocotylinæ).—Pratt, 1900, 646, 651, 656, fig. 26.—St.-Remy, 1890, Nov. 1, 41–43; 1898, 558.—Scott, T., 1901, 151.—Sons., 1890, 176–177.—Stoss., 1898, 11.—Tasch., 1878, 176; 1879, 36, 44, 45, 47, 50, 51, 53, 55, 60, 62, 64, 65, 66, 69; 1879, 252, 255 (syns.: Polyst. Kuhn, Hexabothrium Nord.).—Ziegler, 1883, 556.

1899: Acanthoncotyle Cerf., 1899a, 347 (appendiculata).

ONCHOCOTYLE—Continued.

abbreviata Olss., 1876, 12, pl. 2, figs. 27–28 (in *Acanthias vulgaris*).—Braun, 1890a, 418, 499, 539, 548, 550.—Cerf., 1899a, 361, 368, 369, 375 (to *Squalonchocotyle*).—St.-Remy, 1890, 42, 43 (in *Ac. vulg.*).—Sons., 1890, 177.—Staff., 1904, May 3, 482 (on *Squalus acanthias*; Canada).—Tasch., 1879, 253 (in *Ac. vulg.*); 1879, 29 (in *Ac. vulg.*).

appendiculata (Kuhn, 1830) Dies., 1850a, 419 (includes *Hexabothrium*); 1858e, 370–371 (in *Mustelus laevis*, *M. vulgaris*, *Scyllium catulus*), 371 (pars, from *Læmargus borealis*, syn. of *O. borealis*); 1859c, 438 (of Ben., 1858a, in *Must. vulg.*, *Galeus canis*).—Ben., 1858a, 1861a, 54–58, 59, 168–169, 172, 177, 197, pl. 6, figs. 1–12 (in *Mustelus vulg.*, *N. Sea and Adriatic*; *Galeus canis*; *Scyllium catulus*, *Mediterranean*; *Læmargus borealis*, *Greenland*); 1870, 5, 6, 16.—Brand., 1891d, 20.—Braun, 1889k, 622; 1890a, 408, 410, 414, 415, 419, 420, 421, 428, 429, 434, 437, 438, 442, 449, 453, 454, 457, 462, 465, 481, 489, 498, 499, 500, 512, 514, 539, 548, 550, 551, 552; 1890e, 594; 1893b, 178.—Cerf., 1899a, 350, 351, 357, 358, 359, 360, 361, 362, 364, 366, 367, 368, 369, 371, 374, 378 (in *Lemargus borealis*, *Scyllium catulus*), 374 (of Stoss., 1887, syn. of *Acanthonchocotyle canicula*), 376 (of Tasch., 1879, syn. of *Squalonchocotyle grisea*), 376 (of Olss., 1867 and 1876, syn. of *Rajonchocotyle batis*), 376 (of Sons., 1890, syn. of *Rajonch. prenanti*).—Cobbold, 1879b, 464.—Fraip., 1880c, 416.—Goto, 1891a, 162.—Ijima, 1884c, 638.—Jackson, 1888, 647.—Juel, 1889, 36.—Kerbert, 1881a, 533.—Kroyer, 1852–53a, 926 (in *Scymnus microcephalus*).—Looss, 1885b, 5, 10.—Mont., 1888a, 8, 15, 23, 26, 37, 42; 1890, 421.—Par. & Perugia, 1890, 7.—Scott, 1901, 151, pl. 8, figs. 30, 31 (in *Galeorhinus galeus*, *Mustela vulgaris*, *Raja batis*, *R. clavata*, *Scylliorhynchus catulus*); 1901, 344 (in *Raja batis*; *Irish Sea*); 1905, 118 (see Scott, 1901, pl. 8).—Sons., 1890, 176, 177 (see also *Octocotyle* app.); 1891, 259–260 (syn. *O. emarginata* Olss.).—St.-Remy, 1890, 42, 43 (in *Scyllium catulus*, *Mustelus vulg.*, *M. laevis*, *Galeus canis*, *Raja batis*, *Hexanchus griseus*, *Ac. vulg.*).—Stoss., 1885, 162; 1898, 11.—Tasch., 1878, 176; 1878, 566, 574; 1879, 253 (syn. *Hexathyridium* app. Nord.) (in *Scyllium catulus*, *Mustelus laevis*, *M. vulgaris*, *Hexanchus griseus*, *Raja batis*, *Galeus canis*); 1879, 19–20; 1879, 24–47, pl. 3, figs. 1–3, pl. 4, figs. 1, 3–6 (syns. *Hexabothrium* app. Kuhn, *Polyst. app. Nord.*).—Ziegler, 1883, 345, 557.

borealis Sons., 1890, 177, misprint for *borealis*.

borealis Ben., 18531, 59–68, figs. 1–11 (in *Scimnus glacialis*); 1858a, 1861a, 58–59 (in *Sc. gl.*); 1870, 12.—Braun, 1890a, 408, 419, 461, 539, 548.—Cerf., 1899a, 346, 356–358, 359, 360, 361, 362, 364, 367, 368, 369, 372, 378 (in *Scymnus glacialis*), 374 (to *Squalonchocotyle* in *Scymnus borealis*), 376 (of Stoss., 1885, syn. of *Rajonchocotyle prenanti*).—Dies., 1858e, 371 (in *Læmargus borealis*) (syns.: *O. appendiculatum* Dies., *Polyst. borealis* Wag.); 1859c, 438.—Linst., 1889, 101 (in *Læmargus borealis*).—Odhn., 1905, 372 (to *Squalonchocotyle*).—Par., 1894, No. 1050.—Par. & Perugia, 1890, 7.—St.-Remy, 1890, 42, 43 (in *Scymnus borealis*).—Sons., 1890, 177 (*borealis*).—Stoss., 1885, 162; 1890, 52; 1898, 12.—Tasch., 1879, 253 (in *Scy. bor.*); 1879, 29, 32 (in *Scy. bor.*)—Also reported for *Læviraja oxyrhynchus*.

canis (Cerf., 1899) Pratt, 1900a, 656, 657, fig. 26.

emarginata Olss., 1876, 11–12, pl. 2, figs. 23–26 (in *Raja clavata*).—Braun, 1890a, 419, 494, 499, 539, 548, 551.—Cerf., 1899a, 361, 366, 367, 368, 369, 375, 378.—St.-Remy, 1890, 42, 43 (in *R. clav.*).—Sons., 1890, 176, 177 (see also *Octocotyle emarginata*); 1891, 259, 260 (syn. of *O. appendiculata* Kuhn).—Tasch., 1879, 253 (in *R. clav.*); 1879, 29 (in *R. clav.*).

prenanti St.-Remy, 1890, 41–43 (in *Raja oxyrhynchus*; Roscoff).—Cerf., 1899a, 365, 368, 376 (to *Rajonchocotyle*) (in *R. oxyr.*).—Goto, 1894a, 223.—Sons., 1890, 177 (in *R. oxyr.*).

scymni ainosi Dies., 1858e, 371 based on Wagener, 1857, 72 (in *Scymnus ainosi*).—Cerf., 1899a, 360, 362, 377.—Linst., 1878a, 282.—St.-Remy, 1890, 41.

spinacis Goto, 1894a, 224–226, pls. 15–16, gills of *Spinax* sp.; at Odawara, Japan.—Cerf., 1899a, 370, 372, 376, 435 (to *Squalonchocotyle*).—St.-Remy, 1898, 558.

ONCHOCOTYLINÆ Cerf., 1899a, 345–478, pls. 18–21, 396 (*Onchocotilinæ*); 1900a, 436–438.—Mont., 1903, 336 (f. *Onchocotylidæ*).

ONCHOGASTER Claparède, 1863a, 13 (*m. natator*).

natator Claparède, 1863a, 13, pl. 5, figs. 1–4.—Braun, 1889a, 363, after Leuck., 1863, 95, is perhaps a free swimming polystome larva.

OPHICOTYLE Ben. & Hesse, 1863; 1864, 96, 101 (m. *fintæ*).—Braun, 1890a, 414, 477, 516, 517, 522, 546.—Cerf., 1895h, 918; 1896, 514.—Mont., 1888a, 8, 11, 86 (Ophycotyle), 89, 99 (Ophycotyle).—Tasch., 1879, 240.

1888: Ophycotyle Mont., 1888a, 8, 11, 86, 89, 99 for Ophicotyle.

alosæ Mont., 1888a, 13 (Ophycotyle).

fintæ Ben. & Hesse, 1863; 1864, 101–102, pl. 9, figs. 19–28 (in *Alosa finta*).—Braun, 1890a, 446.—Tasch., 1879, 244 (to Octobothrium).

OPHTHALMOPHAGUS Stoss., 1902, 8, 28–29 (m. *singularis*), subf. Cyclocelinae.

singularis Stoss., 1902, 29, pl. 7, fig. 27 (in *Gallinula pusilla*; loc. not given).

OPHYCOTYLE Mont., 1888a, 8, 11, 86, 99, for Ophicotyle.

alosæ Mont., 1888a, 13.

OPISCORCUS Woolley, 1906, Oct. 6, 1090 (misprint for Opisthorchis).

OPISTHIOGLYPHE Looss, 1899b, 588–589, 592 (tod. *endoloba*) (*ὀπισθίος*=hindermost; *ἡ γλυφῆ*=das Eingrabene).—Pratt, 1902, 888, 896, 898.

endobala Ssinitzin, 1906, 685, for *endoloba*.

endobola Ssinitzin, 1905, 121–136; 1906, 686, 687, for *endoloba*.

endoloba (Duj., 1845) Looss, 1899b, 589.—Braun, 1906, 137, figs. 72–73 (in frog).—Kowal., 1902d, 27 (9).—Ssinitzin, 1905, 121–136; 1906, 685 (*endobala*), 686, 687 (*endobola*) (*Cerc. gibba* is larva) (in *Rana esculenta*, *R. temporaria*; Warschau).—Staff., 1905, 686–687 (Duj. of Staff., 1900, 403, renamed *Glypthelmins quita*).—Stoss., 1901, 96 (8) (in *Rana esculenta*; Triest).—Ward, 1903, 862.

siredonis (Poir., 1886) Looss, 1899b, 589.

OPISTHODISCUS Cohn, 1904, 240 (m. *diplodiscoides*), 242, 243.

diplodiscoides Cohn, 1904, 240–243, figs. 6–8 (in *Rana esculenta*; Coll. Creplin).

OPISTHOGONIMUS Luehe, 1900aa, 555–558, 562 (m. *lecithonotus*=*philodryadum*).—Looss, 1901b, 206; 1902m, 839.—Odhn., 1902, 41.—Pratt, 1902, 888 (related to *Haplometrinæ*), 901.

lecithonotus Luehe, 1900aa, 555–558 (in *Coluber* sp., *Coluber eririo*, *Philodryas schotti*; Brazil); 1900ee, 743 (=O. *philodryadum* (West)).

philodryadum (West, 1895) Luehe, 1900ee, 743 (in *Philodryas schottii*; Brazil).

OPISTHORCHIASIS.—A term proposed by Looss, 1905, 88, to designate infection with *Opisthorchis*.—Aoyama, 1891a.—Askanazy, 1904, 698 (in man, etiology and pathology); 1904, Nov., 229–230.—Huber, 1896, 578.—Katsurada, 1900, 495, 500–503 (in man).—Macgregor, 1877, 3–16.—See also *distomatosis*, *hepatic*, *Japan*.

[O. *felineus*; Askanazy, 1904, (19); 1905, Jan. 10, 790.]

OPISTHORCHIC Stiles, 1901h, 1539 (misprint for *Opisthorchis* Bl. 1895).

OPISTHORCHIDÆ Luehe, 1901, 486, for *Opisthorchiidæ*.

OPISTHORCHIIDÆ Braun, 1901b, 34.—Jægers., 1903a, 15 (*Opistorchidæ*).—Looss, 1902m, 839, 840 (contains *Echinostominae*, *Omphalometrinæ*, *Opisthorchiinae*, *Rhopaliadinæ*; *Azygia*; *Allocreadium*; *Rhytidodes*; *Calycodes*).—Luehe, 1901, 486.

OPISTHORCHIINÆ Looss, 1899b, 543, 563, 564, 565, 566; 1902m, 718, 839.—Braun, 1901b, 20.—Luehe, 1900, 490.—Pratt, 1902, 888, 895 (includes *Opisthorchis*, *Holometra*, *Metorchis*; related genus, *Podocotyle*).—Ward, 1903, 863.

OPISTHORCHIS R. Bl., 1895f, 217 (tod. *felineus*); 1896b, 730.—Braun, 1900g, 250; 1901b, 20; 1901, 564; 1901e, 314; 1902b, 5, 6, 7 (re *Campula*, Stiles & Hass. have stated that *Campula* was erroneously made syn. of *Opisthorchis*); 1903, 3 ed., 157 (erroneously dated 1845); 1906, 163.—Heymann, 1905, 98.—Jacoby, 1900, 7, 9, 16.—Kamensky, 1900a, 3, 4, 5, 13, 19.—Kowal., 1898g, 74; 1898h, 131, 136, 140, 142–148 (28, 33, 37, 39–45); 1898, 121–148.—Looss, 1899b, 539, 549, 551, 559, 560, 563, 564, 565, 590; 1901, 194, 199, 200, 209; 1902m, 529, 712 (*Opistorchis*), 775–778, 781, 790 (amphitypic), 795, 805; 1905, —.—Luehe, 1899, 529, 532, 533; 1901, 474.—Mont., 1896, 168.—Odhn., 1902, 37 (*Opistorchis*).—Ofenheim, 1900, 166.—Pratt, 1902, 888, 895.—Rail., 1896, 160; 1900, 212.—Stiles, 1901, 203, 204, 205.—Stiles & Hass., 1898a, 85, 91 (*Opistorchis* erroneously as syn. of *Campula* Cobb.) (type *Dist. felineum*).—Stoss., 1902, 580.—Ward, 1901, 180; 1903, 869.

1896: *Prosthometra* Looss, 1896b, 58–60 (*felineus*).

OPISTHORCHIS—Continued.

- 1896: *Opisthorchis* Rail., 1896, Mar. 15, 160, misprint.
 1901: *Opisthorchic* Stiles, 1901h, 1539, misprint.
 1906: *Opiscorcus* Woolley, 1906, 1090, misprint.
albidus (Braun, 1893) Rail., 1896, 160.—Rail. & Marotel, 1898, 38 (compared with other forms).—Bossuat, 1902, v. 6 (2), 192.—Jacoby, 1900, 8 (situated in 16 times in 68 specimens, 23 per cent).—Kowal., 1898h, 131, 143, 147 (28, 40, 44) (in *Felis catus* dom.).—Luehe, 1899, 530.—Type of *Metorchis* 1899.
amphileuca (Looss, 1896) Kowal., 1898, 148 (45) (in *Naja haje*).
buski (Bl., 1888) R. Bl., 1895, 737 (syns.: *Dist. buski* Lankester, *D. crassum* Busk nec Sieb., *D. rathouisi* Poir.); 1895, 217; 1900, 488.—Galli-Valerio, 1898a, 146.—Manson, 1903e, 664, fig. 107.—Type of *Fasciolopsis* 1899.
campula (Cobbold, 1876) Looss, 1899b, 559.
choledoca (Linst., 1883) Kowal., 1898h, 148 (45) (in *Anas* sp.).—Kamensky, 1900a, 5.
compascua Kowal., 1898, 72; 1898h, 133, 134 [30, 31], see *xanthosoma compascua*.
complexus (Stiles & Hass., 1894) Stiles & Hass., 1896, 155, or Rail., 1896, 160.—Galli-Valerio, 1898d, 146.—Kowal., 1898h, 143, 147 (40, 44) (in *Felis catus* dom.).
conjunctus (Cobbold, 1860) R. Bl., 1895, 217; 1895, 735; 1900, 488.—Bossuat, 1902, v. 6 (2), 191–192.—Braun, 1883, 65–66.—Clerc, 1907, 558 (*Opisthorchis*).—Kamensky, 1900a, 4.—Kowal., 1898h, 143, 147 (40, 44) (in *Homo*, *Canis vulpes fulvus*).—Manson, 1903e, 635 (= *Dist. conjunctum* of man).—Rail., 1896, 160.
conus (Crep., 1825) Stiles & Hass., 1895c, 156–158.—Rail. & Marotel, 1898, 38.
corvina (Stiles & Hass., 1894) Kowal., 1898, 143, 148 (40, 45) (in *Corvus americanus*, *C. ossifragus*).
corvinus (Stiles & Hass., 1894) Stoss., 1904, 12.
crassiuscula (Rud., 1809) Kowal., 1898g, 71, 73; 1898h, 130, 131, 143, 144, 147 (27, 28, 40, 41, 44) (in *Buteo vulgaris*, *Archibuteo lagopus*, *Haliaeetus albicilla*, *Circus rufus*, *Aquila imperialis*, *Surnia nyctea*).—Jacoby, 1899c, in 1–30; 1900, 7.—Looss, 1899b, 565, 678.—Luehe, 1899, 530.
crassiuscula janus Kowal., 1898h, 122–132, 147 [19–27, 44] figs. 15–21, 28 (in *Anas boschas* dom.); 1898g, 71.—Braun, 1902b, 9.—Looss, 1899b, 565, 566 (undoubtedly a *Metorchis*), 678.
crassiusculus Looss, 1899b, 678, see *crassiuscula*.
entzi Ratz, 1900, 534, in gall ducts of *Ardea purpurea*.
exigua (Mueh., 1898) Kowal., 1898h, 147 (44) (in *Circus rufus*).
felinea (Riv., 1884) Jacoby, 1899c, in 1–30.
felineus (Rivolta, 1884) R. Bl., 1895, 217; 1895, 734–735; 1900, 488.—Askanazy, 1900b, 493, 502 (in man); 1904, 689–691; 1904, Nov., 229–230.—Bossuat, 1902, v. 6 (2), 188.—Braun, 1903, 3 ed., 157 (syns.: *conus* Gurlt, *lanceolatum* Sieb., 1836 & Tright, *sibiricum*, *tenuicolle* Mueh., 1896) 159 (cases in man); 1906, 166; 1906, 163–166, figs. 95–98 (in *Limnaeus stagnalis*, *Felis domestica*, dog, fox, *Gulo borealis*).—Engler, 1904 (X. 21), 186–188, 1 fig. (abnormal intestine of); 1905, Jan. 1, 16; 1905 (II), 57.—Galli-Valerio, 1898d, 146; 1901c, 364 (in dog).—Hollack, 1902a, 868.—Jacoby, 1900, 7, 8–9.—de Jong, 1896a, 7 (*Opisthorchis*).—Kamensky, 1900a, 17, 19, 20, 24 (*felinea*).—Looss, 1899b, 675; 1905, 89 (syns.: *Dist. felineus*, *D. sibiricum*; in dogs and cats, Europe; in man by Winogradoff in Toms, Siberia), 90; 1907, Feb. 1, 138, 139.—Stiles, 1902, 33.—Ward, 1903, 704; 1903, 864, 869 (syns.: *Dist. conus* Gurlt nec Crep., *D. lanceolatum* Sieb., 1836 & Tright, 1889 nec Mehlis, *D. sibiricum* Winogradoff, *D. tenuicolle* Mueh.), 871.
gemina (Looss, 1896) Kowal., 1898h, 129, 148 (26, 45) (in *Milvus parasiticus*).
geminus (Looss, 1896) Looss, 1899b, 676, 677, 678, figs. 2, 3; 1907, Feb. 1, 138, 139 (in *Anas boschas fera*, *Circus aeruginosus*, *Milvus aegyptius*).—Braun, 1901b, 34.
interruptus Braun, 1901g, 897 (in *Alcedo viridirufa*, *Ardea virescens*; Brazil); 1902b, 5, 6, fig. 2.—Stoss., 1904, 11.
janus Kowal., 1898g, 71, 73; 1898h, 130, 131, 132, 133, 134, 137, 138, 139, 143, 144 (22, 26, 27, 28, 29, 30, 31, 34, 35, 36, 40, 41).—Jacoby, 1900, 7.—See also *crassiuscula janus*.

OPISTHORCHIS—Continued.

- lancea* (Dies., 1850) Braun, 1901, 897; 1902b, 6, 7.—Hollack, 1902a, 868.—Stoss., 1904, 11.
- longissimus* (Linst., 1883) Stiles & Hass., 1896, 155.—Kamensky, 1900a, 5.—Kowal., 1898g, 72; 1898h, 140, 141, 148 (37, 38, 45) (in *Botaurus stellaris*).—Looss, 1899b, 564, 674.—Stoss., 1904, 11.
- longissimus* var. *corvinus* (Stiles & Hassall, 1894) Looss, 1899b, 564, 675.—Hollack, 1902a, 868.—Stoss., 1904, 12.
- noverca* Braun, 1902, Dec. 30, 836; 1903, 3. ed., 164, fig. 112 (=Dist. conjunctum Lew. & Cunn., 1872 of man, renamed); 1906, 170–171, figs. 103–104.—Looss, 1905, 90–91, fig. 6 (syn. Dist. conj. L. & C.).—Stoss., 1904, 11.—Ward, 1903, 704; 1903, 864, 870.
- oblonga* (Cobbold, 1858) Kowal., 1898h, 148 (45) (in *Phocaena communis*, *Platanista gangetica*).
- pianæ* Galli-Valerio, 1898c, 7–8, 1 fig. (in *Anas boschas*; Busto Ariizio); 1898d, 145–146 (in *Anas boschas*); 1898e; 1898m, 923 (*Opisthorchis*); 1901c, 364; 1903d, 59 (*Opisthorchis*).—Kowal., 1898c, 751–752; 1898d, 751–752; 1898e, 923.—Stoss., 1899, 12.
- piscicola* Odhn., 1902, 152–153 (in *Gymnarchus niloticus*).—Stoss., 1904, 11.
- poturzyensis* Kowal., 1898g, 71 (var. of *simulans*), 72 (n. sp.), 73, 75, or 1898h, 138, 140, 141, 142, 143, 144, 148 (in *Anas boschas* dom.), 150, 163, figs. 23–26 (35, 36, 37, 38, 39, 40, 41, 47).—Engler, 1904, 186.—Jacoby, 1899c, in 1–30; 1900, 7.
- pseudofelineus* Ward, 1901, 180 (syn. *D. felineum* Riv. of Ward, 1895, 152–158); in 1903, 861, 862, 869.—Braun, 1903, 3. ed., 158.
- simulans* (Looss, 1896) Kowal., 1898g, 72; 1898h, 129, 137, 140, 141, 142, 148 (26, 37, 38, 39, 45) (in *Pernis apivorus*); 1902d, 23 (5) (in *Anas boschas* dom.).—Braun, 1901b, 34.—Looss, 1899b, 564, 566, 673–674, pl. 24, figs. 1–1b (includes var. *poturzyensis*).—Stoss., 1904, 11.—Also reported for *Anas penelope*, *Circus aeruginosus*, *Fulix cristata*.
- simulans* var. *poturzyensis* Kowal., 1898g, 71 (in *Anas boschas* dom.); 1898h, 135–142, 148 (32–37, 45), figs. 23–26 (in *Anas boschas* dom.).—Looss, 1899b, 565, 673, 674.
- sinensis* (Cobbold, 1875) R. Bl., 1895, 217; 1895, 736–737; 1900, 488; 1901b, 204, 209, 210; 1901c, 581, 586, 587, 588, 589.—Akanuma, 1894 (in Toyama Province).—Aoyama, 1891a.—Askanazy, 1904, 689; 1904 (XI), 229–230.—Bossuat, 1902, v. 6 (2), 189.—Braun, 1903, 3. ed., 161–162, figs. 109–111; 1906, 168–170, figs. 100–102.—Clerc, 1907, 558 (*Opisthorchis*).—Kamensky, 1900a, 4.—Kowal., 1898h, 147 (44) (in *Homo sapiens*; *Felis catus* dom.).—Looss, 1899b, 564; 1901, 209; 1905, 90, fig. 5 (syns. Dist. *sinense* Cobb., *D. spathulatum* Leuck., *D. hepatis innocuum*, *D. hepatis endemicum*, *D. hepatis perniciosum* Bælz, *D. japonicum* Bl.) (Japan, Annam, Tonkin, China, Korea); 1905m, 233; 1907, Feb. 1, 136–147.—Manson, 1903, 635.—Staf., 1905, Apr. 11, 694 (in liver of Chinaman, at Montreal, 1896).—Stiles & Garrison, 1906a, Aug., 29.—Stoss., 1904, 11.—Ward, 1903, 864, 867, 869–870 (syns. Dist. *sinense* Cobb., *D. spathulatum* Leuck. nec Rud., *D. hepatis endemicum* Bælz, *D. hepatis perniciosum* Bælz, *D. hepatis innocuum* Bælz, *D. japonicum* Bl., *D. endemicum* Ijima); 1903, 703, 704.—Woolley, 1906, 1090 (*Opiscorcus*).
- speciosus* Stiles & Hass., 1896, 151–155, figs. 1–2 (Dist. *longissimum* *corvinum* renamed).—See p. 74.
- tenuicollis* (Rud., 1819) Stiles & Hass., 1896, 155.—Braun, 1901e, 314.—Jacoby, 1900, 8.—Kamensky, 1900a, 1–23 (syn. *D. felineum* Riv.); 1900b, 23 pp.; 1901a, 323–324.—Kowal., 1898g, 73, 74; 1898h, 106, 129, 138, 139, 143, 144, 147 (1, 26, 35, 36, 40, 41, 44) (in *Homo*, *Felis catus* dom., *Canis familiaris*, *Gulo borealis*, *Phoca barbata*, *Halichærus grypus*).—Looss, 1899b, 564, 566, 674–678, 700.—Odhn., 1905, 339.—Ratz, 1900, 532.—Stoss., 1904, 11.
- tenuicollis-felineus* Looss, 1899b, 678 (see *tenuicollis* and *felineus*).
- truncata* (Rud., 1819) Rail., 1896, 160.—Bossuat, 1902, v. 6 (2), 192.—Galli-Valerio, 1898d, 146; 1901c, 364.—Jacoby, 1899c, in 1–30; 1900, 8.—de Jong, 1896a, 7 (*Opisthorchis*).—Kamensky, 1900a, 14 (*truncata*).—Kowal., 1898h, 143, 147 (40, 44) (in *Gulo borealis*, *Felis catus* dom., *Canis familiaris*, *C. vulpes*, *Phoca annelata*, *P. vitulina*).—Luehe, 1899, 530.

OPISTHORCHIS—Continued.

viverrini (Poir., 1886) Stiles & Hass., 1896, 155.—Kowal., 1898h, 148 (45) (in *Felis viverrinus*).—Poir., 1886, 27–29, pl. 3, figs. 1–3.—Stoss., 1892, 1893, 24; 1904, 11.
xanthosoma (Crep., 1846) Kowal., 1898g, 72; 1898h, 134, 147 (31, 44) (in *Podiceps minor*).

xanthosoma var. *compascua* Kowal., 1898g, 71 (in *Anas querquedula*); 1898h, 132–134, 147 (29–31, 44), figs. 22–29.—Braun, 1902b, 8 (syn. of *Dist. crassiusculum*).—Looss, 1899b, 565, 566 (says this is undoubtedly a *Metorchis*), 678.

OPISCORCUS Woolley, 1906, Oct. 6, 1090 (misprint for *Opisthorchis*).

OPISTHOTREMA Fischer, 1883a, 1–42 (m. cochleare).—Biehinger, 1888a, 231, 232, 233, 234.—Brand., 1892, 506.—Braun, 1892a, 569, 635, 640, 663, 664, 676, 677, 679, 683, 687, 693, 696, 699, 700, 711, 715, 716, 717, 718, 721, 725, 727, 728, 736; 1893a, 879, 886, 887, 890, 893, 895, 899, 914, 917, 918.—Darr, 1903, 657.—Gamb., 1896a, 73.—Jackson, 1888, 648.—Juel, 1889, 24.—Looss, 1885b, 56; 1894a, 180, 207; 1899b, 665.—Mont., 1888, 7, 15, 18, 32, 35, 37, 41, 42, 48, 50, 52, 53, 54, 56, 57, 58, 60, 64, 66, 67, 93, 106; 1892, Oct. 7, 214 (gen. of *Monostomidae*); 1892, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 713; 1892, 37, 38; 1893, 25, 83, 144.—Ofenheim, 1900, 156.—Pratt, 1902, 890, 909.

1893: *Oposthotrema* Crety, 1893a, 384, misprint.

1902: *Opistotrema* Cohn, 1902k, 53, for *Opisthotrema*.

cochleare Fischer, 1883a, 1–42, 1 pl., 13 figs. (in *Halicore dugong*; Philippines); 1884a.—Bettend., 1897, 38; 1897, 342.—Biehinger, 1888a, 230.—Brand., 1891b, 265.—Braun, 1891d, 421; 1892a, 583, 589, 591, 593, 594, 595, 602, 604, 605, 607, 610, 628, 640, 659, 688, 703, 724, 731, 733, 762, 763, 764, 765; 1893a, 877, 917; 1893d, 468; 1901e, 344.—Cohn, 1902k, 53 (*Opistotrema*).—Crety, 1893a, 384 (*Oposthotrema*).—Darr, 1902, 648.—Juel, 1889, 37.—Kath., 1894a, 143.—Kowal., 1898h, 158 (55).—Linst., 1904u, 679, 680.—Looss, 1885b, 10, 12, 17, 56.—Maclaren, 1904b, 608.—Mont., 1888a, 7, 16, 21, 23, 26, 27, 43, 60; 1892, 99, 104; 1892, 688, 689, 695, 703, 712; 1893, 16, 109.—Ssnitzin, 1904, 768 (*Opistotrema*).—Reported also for *Manatus americanus*.

pulmonale Linst., 1904u, 678–680, figs. 1–2 (in *Halicore australis*; Torres-Strasse, Australia).—Odh., 1906, 66.

OPISTORCHIDÆ Jægers., 1903a, 15, for *Opisthorchiidæ*.

OPISTORCHIS Rail., 1896, 160, see *Opisthorchis*.

OPOSTHOTREMA Crety, 1893a, 384, for *Opisthotrema*.

ORCHIDASMA Looss, 1900, Dec. 3, 602 (*Anadasmus* Looss nec *Walsingham* renamed, hence type *amphiorchis*), τὸ ἀόσμα, die Vertheilung; 1902m, 468.—Braun, 1901a, 20, 34.—Odh., 1905, 342.—Pratt, 1902, 888, 895.

amphiorchis (Braun, 1899) Braun, 1901b, 20–22, figs. 7, 11 (in *Thalassochelys corticata*; *Chelone mydas*; Trieste).—Looss, 1901, 560, 562, 563; 1902m, 414, 416, 463–468, pl. 23, figs. 25–29, pl. 39, fig. 24.—Odh., 1905, 342.

ORCHIPEDUM Braun, 1901g, 944 (m. *tracheicola* Braun); 1902b, 15, 19, 20, 22, 23.—Pratt, 1902, 888 related to *Psilostominae*, 897.

tracheicola Braun, 1901g, 943–944 (in *Anas fusca*; Vienna, Oct.); 1902b, 19, 20, 22, 23, figs. 14, 15 (syn. *Monost. flavum*).

OROPHOCOTYLE Looss, 1902e, 637–644, figs. 1–4 (tod. *planci*); 1902f, 400–401; 1905g, 54–55.

calyptrocotyle (Mont., 1893) Looss, 1902e, 644.

divergens Looss, 1902e, 640, 643, 644, fig. 1 (in *Ranzania truncata*; Trieste).

foliata (Lint., 1898) Looss, 1902e, 644 (syn. *Dist. foliatum* Lint.).

planci (Stoss., 1899) Looss, 1902e, 637–641, figs. 2–4 (in *Ranzania truncata*; Trieste).

ORTHOSPLANCHNUS Odh., 1905, 330, 345, 346, 347, 348 (tod. *arcticus*).

arcticus Odh., 1905, 339–343, 344, 348, pl. 3, figs. 1–5 (in *Phoca barbata*; west coast Spitzbergen).

fraterculus Odh., 1905, 343–344, 348, pl. 3, fig. 6 (in *Phoca barbata*, *Odobenus rosmarus*; w. coast Spitzbergen).

OSTIOLUM Pratt, 1902a, 888 (*Haplometrinæ*), 900 (key to); 1903, 34–37 (m. *formosum* Pratt).

formosum Pratt, 1903, 34–37, pl. 4, figs. 6–8 (in frogs).—Staff., 1905, Apr. 11, 687 (in lungs of American frogs and toads; probably identical with *Pneumonocæs medioplexus*).

OTIOTREMA Setti, 1897, 4-8, figs. 1-5 (m. torosum); 1897, in 198-247.—Braun, 1902b, 23.—Fuhrmann, 1904, 61.—Looss, 1899b, 551, 644-645, 741, 742, 743, 744, 745, 1901b, 208, 209, 210; 1902e, 642; 1902m, 813.—Luehe, 1901n, 481, 482, 486.—Odhn., 1905, 366.—Ofenheim, 1900, 183.—Pratt, 1902, 889, 905.—Stiles & Hass., 1898a, 91-92, 96 (type torosum).

torosum Setti, 1897, 4-8, pl. 8, figs. 1-5 (in *Squalus* sp.; Massaua).—Darr, 1902, 661.—Looss, 1899b, 645, 735, 736-746, figs. 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 69 (in *Squalus* sp.; Sawakin).—Luehe, 1901n, 481.—Odhn., 1905, 362.—Stiles & Hass., 1898a, 91, 96.

OTODISTOMUM Staff., 1904, May 3, 482-483 (m. veliporum) (ϵ *Oto*= giant) (closely related to *Azygia*).

veliporum (Crep., 1837) Staff., 1904, May 3, 482-483, 488 (in *Raja laevis* Mit.; Canada).—Odhn., 1905, 310.

PACHYPSOLUS Looss, 1901l, 30. Oct., 558-560 (m. lunatus Looss, 1901, 558 = D. irroratum R.); 1902m, 497, 503, 504, 505.—Pratt, 1902, 888 (related to *Plagiiorchiinae*), 899.

irroratus (Rud., 1819) Looss, 1902m, 414, 416, 485-505 (includes *Dist. irroratum* Rud., 1819a, 393; Braun, 1899, 717; 1901, 36, figs. 27, 30, 32), 793, 871, 887, fig. A, pl. 23, figs. 37-38, pl. 32, fig. 169 (in *Thalassochelys corticata*, at Trieste; *Thalassochelys caretta* in New Guinea).—Odhn., 1905, 340.

lunatus Looss, 1901l, 558-560, 564 (in *Thalassochelys corticata*; Trieste); 1902m, 485, 486, 496, 497, 503 (syn. of *P. irroratus* Rud.).

PARABASCUS Looss, 1907, Mar. 5, 481-483 (tod. lepidotus).

lepidotus Looss, 1907, Mar. 5, 481-483, figs. 3a-b (in *Vesperugo kuhli*; Cairo, Egypt).

limatulus (Braun, 1900) [Looss, 1907, Mar. 5, 483, as probable].

semisquamosus (Braun, 1900) [Looss, 1907, Mar. 5, 483].

PARAGONIMIASIS, name of disease (see also distomatosis, pulmonary) Stiles & Hass., 1900a, 578-600.—Huber, 1896, 577.—Inoue, 1892, 13, 15; 1893a, 79-86; 1897a, 175-178 (brain); 1900, 1-23 (distomatosis pulmonum); 1900b, 515, 664, 739; 1903, 124, 125, 130.—Katsurada, 1900, 507.—Kurimoto, 1893d, 1-6, 1 fig.—Kurimoto & Ijima, 1892a, (718-720).—Looss, 1905, 81, 82, 83.—Manson, 1883, (Mar. 31), 532-534; 1894, 805.—Matsushima, 1895a, 10-17 (induratio hepatis).—Maxwell, 1899, 116-117, 2 figs.—Miura & Nakanishi, 1897, 20 Aug., 31-33.—Stiles, 1901b, 79-102.—Taylor, 1884, 44-54, figs. 1-5.—Winoue, 1892, Oct. 20, 13-16.—Winoue & Katsurada, 1892, Nov. 5, 15-21.—Ztsch. d. Tokio med. Gesellsch., 1892, v. 6 (6), Mar. 20, Art. 1.—IN BRAIN: Inoue, 1897a, 175-178.—Inoue & Katsurada, 1891, (17); 1892, v. 6 (6); 1893; 1902, v. 6 (21).—Jida, 1899, (1).—Taniguchi, 1904, Mar. 31, 237; 1904, Aug. 1, 156; 1904, Aug. 16, 350-351; 1904, v. 38 (1), 100-121, 2 pls.; 1904, 318-321; 1904, Dec. 3, 983; 1905, July 29, 508-509.—Yamagiwa, 1889, Sept. 20, 8; 1890, Mar. 5, 447-460, figs. 1-3; 1890, May 20, —; 1890, Sept. 5, 336-337.

——, LOCALITY: Ijima, 1893, v. 7 (16) (Yamanashi).—Katsurada, 1900d, 507 (mountainous regions).—Miura & Nakanishi, 1897a, 31-33.—Soma, 1893 (Japan).—Sons., 1884, v. 54 (7), 17-21 (Japan & Formosa).—Stiles & Hass., 1900a, 560-611; 1900b; 1900c, 3017-3027 (U. S.); 1901a, 45 (U. S.).—Yamagiwa, 1892, Mar. 5, 446-456 (Japan).

——, PATHOLOGY: Katsurada, 1899a, 8-29.—Katsurada, Fujiro & Fujiki, 1899a, 20 June, 1-18; 5 July, 2-29.—Magaziner, 1902, Apr., 296-302 (in man and lower animals).—Taniguchi, 1893, (794-795) (eye and testicle).—Wakabayashi, 1903, Apr. 20, 117 (orbit and lid).

——, SYMPTOMS: Huber, 1896a, 577.

——, TREATMENT: Katsurada, Fujiro & Saki, 1899a, 141-185.—Riusai, 1884, no. 307 (sulphurous acid).

——, IN MAN: Emerson, 1904, July-Aug., 263.—Stiles & Hass., 1900a; 1902f, 360; 1904c, 22.

——, IN SWINE: Stiles & Hass., 1900a, 560-611.

PARAGONIMUS Braun, 1899g, 492 (tod. *westermanii*) (also places here, *Dist. rude* Dies., *Dist. compactum* Cobbold); 1900h, 5, 6; 1901e, 329, 330; 1903, 3. ed., 154-155; 1906, 160.—Looss, 1900d, 605; 1902m, 813.—Luehe, 1900, 555, 557.—Pratt, 1902, 887 (related to *Fasciolinae*), 894.—Stiles, 1901, 183, 185.—Taniguchi, 1904, v. 38, — (in brain); 1904 (XII, 3), 938.—Ward, 1903, 867.

PARAGONIMUS—Continued.

1899: *Polysarcus* Looss, 1899b, 561 (tod. *westermanii*).

compactus (Cobbold, 1859) Braun, 1901, 334.

rudis (Dies., 1850) Stiles & Hass., 1900a, 604–605.—Braun, 1901e, 329, 332, pl. 20, figs. 12, 15–17.

westermani (Kerbert, 1881) Looss, 1905, 81, 82, fig. 1; 83, 84, figs. 2–3; 85, 86 (syns. Dist. *ringeri*, D. *pulmonale*, D. *pulmonum*) (see *westermanii*); 1905m, 280, 282, 283.

westermanii (Kerbert, 1878) Stiles & Hass., 1900a, 560–611, figs. 24–28, pls. 23–24, figs. 1–4; 1900b, 761–762 (*westermanii*); 1900c, 3017–3027; 1901a, Jan. 12, 45.—Anders, 1903, 6th ed., 1245–1246.—Braun, 1901e, 331, 332, 333, 334; 1903, 3. ed., 155, figs., 101–103; 1906, 160–163, figs. 92–94 (*westermani*) (in man, Royal tiger, dogs, pigs, cats; N. America).—Darr, 1902, 652, 687 (*westermanii*).—[Kellicott, 1894a, 123 (in dog; U. S. A.).]—Looss, 1905, 81, 82, 83, 84, 85, 86, figs. 1–3 (*westermanii*) (syns. Dist. *ringeri*, D. *pulmonale*, D. *pulmonum*), 117; 1905m, 280, 282, 283 (*westermani*).—Manson, 1903, 631, 632, 633–636, figs. 96, 97 (*westermanii*).—Miura, 1897, 31–33.—Ricketts, 1903, in 1204–1206.—Stiles & Garrison, 1906a, 29.—Strong, 1901, 44–45.—Ward, 1903, 703, 704; 1903, 863, 864, 867 (syns. Dist. *westermanii* Kerbert, 1878; D. *ringeri* Cobbold, 1880; D. *pulmonale* Baelz, 1883; D. *pulmonis* K., S., & Y., 1881 *Mesogonimus westermanii* Rail., 1890), 868.

westermanii (Leuck., 1889) Stiles, 1900, 762 (see *westermanii*).

PARAMPHISTOMIDÆ Fischder., 1901a, 367–375; 1901b, 634–636; 1902a, 59 pp., 4 figs. (syn. *Amphistomidæ* Mont.); 1902b, 356; 1903h, 485–600, figs. a–q, pls. 20–31; 1903i, 1904, v. 20, 453–470; 1904, 278–279; 1904, 532–533; 1904, Feb. 18, 598–601; 1904, Mar. 3, 173; 1904, Mar. 10, 403; 1905, Jan. 31, 16; 1905, Jan. 16, 119; 1905, Jan., 120; 1905, July 3, 63.—Braun, 1903, 3. ed., 145, 146.—Luehe, 1901, 488.—MacCallum, 1905, 667.—Pratt, 1902, 887, 892 (includes: *Paramphistominæ*, *Cladorchinae*).—Shipley, 1905, v. 6 (1), 4, 8.—Ward, 1903, 864 (*Gastrodiscus hominis*), 865 (see *Digenea*).

PARAMPHISTOMINÆ Fischder., 1901, 367; 1902a, 10 (subf. of *Paramphistomidæ*); 1903h, 490, 492, 503.—MacCallum, 1905, 668.—Pratt, 1902, 887, 892 (syns. *Gastrothylax*, *Paramphist.*, *Stephanopharynx*).—Shipley, 1905, v. 6 (1), 8 (genera: *Paramphist.*, *Stephanopharynx*, *Gastrothylax*).

PARAMPHISTOMUM Fischder., 1901a, 367, 370, 372, 373, 374; 1902a, 7, 10–11, 24, 25, 26, 38, 43, 54 (tod. *cervi*); 1903h, 490, 491, 492 (key), 503; 1904, 173; 1904, 403; 1904, 453–470 (3 species); 1904 (X), 532–533.—Looss, 1902m, 438, 780, 835.—Pratt, 1902, 887, 892.—Shipley, 1905, v. 6 (1), 7, 8.

bathycothyle Fischder., 1903h, 542, for *bathycotyle*.

bathycotyle Fischder., 1901a, 368, 370 (in *Bos kerabau*); 1902a, 15, 16, 22 (in *B. k.*; Ceylon); 1903h, 492, 498 (in *B. k.*; Ceylon), 518–520, pl. 20, figs. 8–9, 542 (*bathycothyle*); 1904, 454, 455, 456, 457, 458.

bothriophoron (Braun, 1892) Fischder., 1901a, 370; 1902a, 21–22, 25, 29 (in Zebu; Madagascar); 1903h, 492, 496, 498, 538–541, figs. 24–28 (in *Bos taurus indicus*; Annanarivo, Madagascar), 544, 545, 546, 549, 550, 571.

calicophorum Fischder., 1901a, 370 (in *Bos taurus*; East Africa and Capland, Queensland, China); 1902a, 22–23 (in *Bos tau.*); 1903h, 492, 498 (in *Bos tau.*; East Africa, Capland, Queensland), 509 (in *Ovis aries?* or *Bos tau.*), 541, figs. e, 29–35, 549, 550, 575 (in *Bos tau.*; Canton. Fu-mui, China), 580; 1904, 459.—Linst., 1906, 175 (in *Bos indicus*).

cervi (Schränk, 1790) Fischder., 1901a, 368, 369; 1902a, 11–13, figs. 1, 14, 15, 20, 22, 26, 42 (includes *Festuc. cervi* Zed., 1790; *Monost. elaphi* Zed., 1800; *M. conicum* Zed., 1803; *Amphist. conicum* Rud., 1809) (in *Bos bubalus*, *B. taurus*, *B. urus*, *Cervus alces*, *C. dama*, *C. elaphus*, *Ovis aries*); 1903h, 492, 498 (in *Bos tau.*, *B. urus*=*Bison europæus*, *B. bubalus*; Egypt, ?Japan, ?N. Africa, ?Australia, ?India; *Cervus elaphus*, *C. alces*, *C. capreolus*, *C. dama*, *Capra hircus*; *Ovis aries*), 503, 504–515, fig. A, pl. 20, figs. 1–5 (syns. *Fasc. hepatica* Mueller, *Fest. cervi* Zed., *Fasc. cervi* Schränk, *F. elaphi* Gmelin, 1790; *Monost. elaphi* Zed., 1800; *M. conicum* Zed., 1803; *Amphist. conicum* Rud., 1809a, and of certain other authors), 530, 534, 535, 537, 539, 543, 565, 566, 590; 1904, 459, 460, 461, 462.—Braun, 1906, 142 (in *Bos taurus*).—Staff., 1905, Apr. 11, 693 (syn. *Amphist. conicum* Rud.) (in stomach of cattle; Canada).

PARAMPHISTOMUM—Continued.

- cotylophorum* Fischder., 1901a, 370 (in *Bos taurus*, Togo; *Bos zebu*, German East Africa); 1902a, 23 (in *B. t.*, Togo; *B. z.*, German E. Africa); 1903h, 492, 499 (in *Bos taurus*, *B. t. indicus*; East Africa), 546–551, figs. f, 36–39 (in *B. t.*, Togo, Misahöhe; *B. zebu*; Africa, Langenburg); 1904, 460, 463, 464, 465.
- dicranocœlium* Fischder., 1901a, 369 (in *Bos taurus indicus*; Coll. Berlin Vet. School); 1902a, 18–19, 23 (in *B. t. ind.*); 1903h, 492, 499 (in *B. t. ind.*), 528–531, fig. d, pl. 21, figs. 5–17 (in *B. t. ind.*), 533, 534, 547; 1904, 458, 464, 465, 467.
- epiclitum* Fischder., 1904, 458–463, pl. 15, figs. 4–6, fig. B (in *Bos taurus indicus*, *Buffelus indicus*; Saigon, Cochin China).
- explanatum* (Crep., 1847) Fischder., 1904, 454–458, pl. 15, figs. 1–3, fig. A (in *Bos taurus indicus*, *B. zebu*, *Buffelus indicus*).
- gracile* Fischder., 1901a, 368 (in *Bos kerabau* from Ceylon; *Portax tragocamelus*); 1902a, 16–17, 18–19 (in *B. k.*, Ceylon; *Portax trag.*); 1903h, 492, 499 (in *B. k.*, Ceylon, *Por. trag.*), 520–524, fig. B, pl. 21, figs. 10–11, 532, 535.—Linst., 1906, 175.
- liorchis* Fischder., 1901a, 368 (in *Cervus simplicicornis*, *C. campestris*, *C. mexicanus*, *C. rufus*, *C. dichotomus*, *C. namby*; Brazil); 1902a, 13–14 (syn. *Amphist. conicum* Dies. e. p.); 1903h, 492, 499, 515–518, pl. 20, figs. 6–7 (in same hosts).
- microbothorium* Fischder., 1902a, 21 (for *microbothrium*).
- microbothrium* Fischder., 1901a, 369 (in *Antelope dorcas*; Coll. Vien. and Coll. Berl. Vet. School); 1902a, 20–21 (*microbothorium*); 1903h, 492, 499, 535–538, pl. 22, figs. 21–23 (in *Antelope dorcas*), 539, 540, 541, 542.
- orthocœlium* Fischder., 1901a, 369 (in *Bos kerabau*); 1902a, 17–18, 19, 20 (in *Bos kerabau*; Ceylon); 1903h, 492, 499, 524–528, fig. C, pl. 21, figs. 12–14 (in *Bos kerabau*; Ceylon, Königsberg i. Pr.), 529, 530, 531, 532, 534; 1904, 467.
- scoliocœlium* Fischder., 1904, 459, 463–468, pl. 16, figs. 7–11, fig. C (in *Buffelus indicus*, in Cochin China and Annam; *Bos taurus*, at Annam).
- strephocœlium* Fischder., 1902a, 19–20, 25, 50 (in *Bos kerabau*; Ceylon) for *streptocœlium*.
- streptocœlium* Fischder., 1901a, 369 (in *Bos kerabau*; from Ceylon); 1903h, 492, 499, 531–534, pl. 21, fig. 18, pl. 22, figs. 19–20 (in *Bos ker.*), 537, 539, 540; 1904, 465.
- PARORCHIS Nicoll, 1907, 128, *Zeugorchis* Nicoll, 1906, not Staff., 1905, renamed, hence type *acanthus*.
- PATAGIUM Heymann, 1905, 82, 90 (m. *brachydelphium*).
- brachydelphium* Heymann, 1905, 81, 82–89, pl. 6, figs. 1–3 (in *Dermatemys mavii* Gray; Coll. Königsberg i. Pr.).
- PECTOBOTHRIA Braun, 1893b, 188, for *Pectobothrii*.
- PECTOBOTHRII Burm., 1837a, 530; 1856a, 243, 251.—Braun, 1890a, 515, 516; 1893b, 188 (*Pectobothria*).—Mont., 1888a, 83.—Tasch., 1879, 233.
- PEDICELLINÆ Mont., 1888a, 88.
- PEGOSOMUM Ratz, 1903, v. 1, 417–432, 1 pl. (type by present designation *saginatum*), Fasciolidæ.
- asperum* (Wright, 1879) Ratz, 1903, 423–424, 431–432 (in *Botaurus minor*).
- saginatum* (Ratz, 1898) Ratz, 1903, 419–421, 427–429, pl. 16, figs. 2, 4 (in *Ardea alba*; Hungary).
- spiniiferum* Ratz, 1903, 422–423, 429–431, pl. 16, figs. 1, 3 (in *Botaurus stellaris*; Hungary).
- PETRATHYRUS Cobbold, 1860a, 42, for *Tetrathyrus*.
- obesus* (Crep., 1851) Cobbold, 1860a, 42, renamed *Monost. gurtlii*.
- PEUDOCOTYLE Tasch., 1879, 65, apparently for *Pseudocotyle*.
- PHACUS Nitzsch, 1827, 69, contains *Cerc. pleuronectes*, *C. tenax*.
- PHANEROPSOLUS Looss, 1899b, 608–609, 611, 612, 633 (tod. *sigmoideus*) *φανερός*=visible; *ὁ φῶλός*=penis); 1902m, 822, 823.—Braun, 1900, 234; 1901, 948; 1901e, 311, 313; 1901, 567.—Pratt, 1902, 889, 903, 904.
- longipenis* Looss, 1899b, 608, 714–715, fig. 35 (in ape, gen. et sp. undetermined; Gizeh Zool. Garden); 1902m, 823.—Braun, 1901e, 311, 313.

PHANEROPSOLUS—Continued.

micrococcus (Rud., 1819) Braun, 1901, 567; 1902b, 41, 49, 62, 64, fig. 40 (syns. Dist. mi. Rud., 1819; Dies., 1850a; D. (Brachylaimus) mi. Stoss., 1892).

orbicularis (Dies., 1850) Braun, 1901e, 348, pl. 20, fig. 14.

oviformis (Poir., 1886) Looss, 1899b, 609.

sigmoideus Looss, 1899b, 608, 712–713, 714, fig. 31 (in *Passer dom.* at Alexandria; *Caprimulgus europæus* at Cairo); 1902m, 823, 824 (probably = Dist. *micrococcus* Rud., see Braun).—Braun, 1901e, 311, 313; 1901, 567; 1902b, 63, 64.—Staff., 1905, Apr. 11, 693.

PHASCIOLA Wilder, 1894 (for Fasc.).—Stiles & Hass., 1898a, 89, 92 (syn. of Fasc.).

PHILOPHTHALMINÆ Looss, 1899b, 586–587; 1902m, 839.—Braun, 1902b, 31.—Luehe, 1901, 488.—Odh., 1905, 314.—Pratt, 1902, 888, 898 (includes: *Philophthalmus*, *Pygorchis*).—Shipley & Hornell, 1904, 95.

PHILOPHTHALMUS Looss, 1899b, 587 (tod. *palpebrarum*).—Braun, 1902b, 31, 32.—Ofenheim, 1900, 182.—Pratt, 1902, 888, 898.

lachrymosus and *lacrymosus* Braun, 1902b, 31, 37 (Dist. *lucipetum* Braun p. p. in *Larus maculipennis*; Brazil).—Looss, 1907, Mar. 5, 480.

lucipetus (Rud., 1819) Looss, 1899b, 587, 701, 702; 1907, Mar. 5, 480.—Braun, 1902b, 32, figs. 21–23 (syns. Dist. *lucipetum* Rud., 1819a; Brem., 1824; Dies., 1850; Braun, 1897; D. (Dicrocoelium) luc. Duj., 1845; Stoss.)

nocturnus Looss, 1907, Mar. 5, 479–480, fig. 2 (in *Athene noctua*; Egypt).

palpebrarum Looss, 1899b, 587, 701–702, fig. 24 (in *Corvus cornix* at Cairo; *Milvus parasiticus*); 1901, 205; 1907, Mar. 5, 479, 480 (in *Athene noctua*; Egypt).—Braun, 1902b, 31, 32, 37.

PHYLLINE Abildg., 1790, 31 (syns. *Tænia laticeps* Pallas, *Caryophyllus* Gœze, Fasc. *fimbriata* Gœze).—Audouin, 1828a, 454–455.—Baer, 1827b, 674.—Baird, 1853a, 97 (=Caryophyllæus *mutabilis* Rud.).—Ben., 1858a, 1861a, 12, 19, 20.—Ben. & Hesse, 1864, 67 (of Oken, syn. of *Nitzschia elegans*).—R. Bl., 1888, 130 (of Oken, = trematode).—Braun, 1890a, 515, 518, 527.—Burm., 1856a, 251.—Dies., 1850a, 290, 426 (of Oken, syns. *Hirudo* Mueller, *Epibdella* Blainv., *Trist. Rathke*), 428 (of Oken, syn. of *Trist.*), 445 (of Oken, syn. of *Malacobdella*), 577 (of Abildg., syn. of *Caryophyllæus*), 578 (of Abildg., syn. of *C. mutab.*); 1858e, 313, 363 (of Oken, mentions only *hippoglossi*); 1859c, 437.—Fabricius, 1794, 30.—Goldb., 1855a, 20.—Johnston, 1865, 32.—Mont., 1888a, 84, 87; 1902, 138, 143; 1905, 75, 76.—Nitzsch, 1826, 150.—Odh., 1905, 371 (of Oken, type is *diodontis*=*Trist. maculatum*).—Rud., 1809a, 24.—Stoss., 1898, 6 (of Oken).—Tasch., 1878, 563, 566 (syn. of *Trist. maculatum*=*Capsala martinieri*).

1891: Phyllinic Sons., 1891, 262, for Phylline.

bumpusii (Lint., 1900) Linst., 1903, 355.

caligi Kroyer.—Ben., 1858a, 1861a, 13 (syn. of *Udonella caligarum* Johnston).

coccinea (Cuvier, 1817) Schweigger, 1820, 474.—Dies., 1850, 429 (syn. of *Trist. rudolphianum*).—Johnston, 1865, 33.—Stoss., 1898, 5.—Tasch., 1878, 567 (*cocinea*) (syn. of *T. molæ*).

cocinea Tasch., 1878, 567 (for *coccinea*).

diadema (Mont., 1902) Linst., 1903, 355.

diodontis Oken, 1817, 182, 370, pl. 10, fig. 3 (based on Martinière, 1787a, 207–208, figs. 4–5, on *Diodon* sp.; Norka to Monterey, Cal.).—Des., 1850a, 430 (syn. of *Trist. maculatum* Rud.).—Nitzsch, 1826, 150.—Odh., 1905, 371.—Tasch., 1878, 567 (syn. of *Trist. mac. Rud.*).

grossa (Mueller, 1788) Johnston, 1865a, 35.—Dies., 1850a, 445 (to *Malacobdella*).—Leidy, 1852, 209 (= *Malacobdella grossa* Blainv.).

hendorffii Linst., 1889e, 163–180, pls. 10–11 (anatomy) (on *Coryphæna hippurus*; *Caleta buena*, Chile); 1893f, 170–172.—Braun, 1890a, 421, 426.—Mont., 1891, 126.

hippoglossi (Mueller, 1776) Oken, 1815.—Ben., 1858a, 1861a, 21 (to *Epibdella*).—Ben. & Hesse, 1864, 69 (to *Epibdella*).—Dies., 1850a, 426–427 (syns. *Epibdella hipp.* Blainv., *Hirudo hipp.* Mueller, *Trist. hamatum* Rathke); 1858e, 363; 1859c, 437 (in *Hippoglossus vulgaris*; Belgium).—Johnston, 1865a, 32; —, 431, pl. 15, figs. 1–3.—Kœlliker, 1849, 21.—Linst., 1903, 355.—Moq.-Tandon, —, 392.—Nord., 18—, 526.—Odh., 1905, 370 (to *Epibdella*), 371.—Tasch., 1878, 564, 565, 568 (to *Trist.*).—Thompson, —, 482.—Reported also for *Hippoglossus gigas*, *H. maximus*.

PHYLLINE—Continued.

monticellii Par. & Perugia, 1895, 2.—St.-Remy, 1898, 534 (to *Epibdella*).—Stoss., 1898, 7 (in *Mugil auratus*; Trieste).

sciænæ (Ben., 1856) Sons., 1891, 263 (in *Sciæna umbra*, *Umbrina cirrhosa*), 262 (Phyllinic).—Linst., 1889a, 76 (syn. of *Benedenia elegans*).

soleæ (Ben. & Hesse, 1863) Linst., 1903, 355.

squamula (Heath, 1902) Linst., 1903, 355.

PHYLLOCOTYLE Ben. & Hesse, 1863, 1864, 96, 103 (m. *gurnardi*).—Braun, 1890a, 413, 477, 516, 517, 523, 534, 536, 546; 1893a, 890.—Cerf., 1895h, 918; 1896, 514.—Gamb., 1896a, 73.—Hoyle, 1890, 539.—Mont., 1888a, 7, 8, 11, 66, 67, 86, 89, 100; 1892, Oct. 7, 213 (g. of *Octocotylinæ*); 1903, 336 (subf. *Plectanocotylinæ*); 1905, 76, 77, 78.—Pratt, 1900, 651 (on gills of marine fishes), 656, fig. 29.—Scott, T., 1901, 147.—Tasch., 1879, 69; 1879, 239, 247.

gurnardi Ben. & Hesse, 1863; 1864, 103–104, pl. 10, figs. 1–7 (in *Trigla gurnardus*).—Braun, 1890a, 418, 536, 548.—Mont., 1888a, 8, 13, 16; 1905, 76.—Pratt, 1900, 656, fig. 29; 657.—Scott, 1901, 147–148, pl. 8, fig. 23 (in *Trigla gurnardus*); 1905, 115–116, pl. 6, figs. 19–20 (in *Trigla gurnardus*); 1905, 116 (of Scott, 1901, 147, pl. 8, fig. 23) (syn. of *Plectanocotyle lorenzii*).—Tasch., 1879, 247 (in *Trigla gurnardus*).

PHYLLODISTOMUM Braun, 1899g, 492 (tod. folium) (Braun also places here: *D. cygnoides* Zed., after Looss, 1894, 23; *D. cymbiforme* Rud.; *D. patellare* Sturg.); 1901b, 9–10.—Looss, 1900d, 605; 1901b, 202, 203, 204, 207 (*Gorgoderinæ*; folium, *patellare*); 1901l, 557, 558; 1902m, 476, 477, 478, 479, 480, 515, 795, 797, 813, 814, 824, 827, 844, 847, 856, 857, 858, 859, 860, fig. 3; 861, 862 (*Gorgoderinæ*).—Odhn., 1901, 64, 65, 66, 67; 1902, 37; 1902, 64, 65, 66.—Pratt, 1902, 888, 900, 901.—Stiles, 1901, 183, 185.—See also *Rhopalocerca*.

1899: *Spathidium* Looss, 1899b, 605 (folium) [not Duj., 1841].

acceptum Looss, 1901b, 203 (in bladder of *Crenilabrus pavo*, *C. griseus* at Trieste); 1901d, 404–405, fig. 4; 1902m, 480, 782, 798, 844, 857.—Odhn., 1901, 66; 1902, 66.

americanum Osborn, 1903, 252–258, figs. 1–4 (in *Amblystoma punctatum*; Minnesota); 1903, 532–533 (in *A. tigrinum* Green; Minnesota).

conostomum (Olss., 1876) Looss, 1902m, 857.

cymbiforme (Rud., 1819) [Braun, 1899, 492] Luehe, 1900, 564; 1901b, 10–13, fig. 1.—Looss, 1902m, 469 (to *Plesiochorus*, type).

folium (Olfers, 1816) Braun, [1899, 492;] 1901, 947; 1902b, 146.—Looss, 1901, 202; 1902m, 480, 782, 797, 798, 827, 857, 862.—Luehe, 1901, 54.—Osborn, 1903, 252, 254, 255; 1903, 533.—Ssinitzin, 1905, 75, 101, 108; 1906, 683 (near *Warschau*), 684 (in *Cottus gobio*, *Dreissenia polymorpha*), 685 (to *Gorgoderina*).—Staff., 1904, May 3, 492 (in bladder of *Esox lucius*; Canada).

linguale Odhn., 1902, 66 (in *Gymnarchus niloticus*; Omdurman, Sudan).—Looss, 1902m, 480, 857, 861.

patellare (Sturges, 1897) [Braun, 1899, 492].—Looss, 1901b, 202; 1902m, 480, 844, 857.—Osborn, 1903, 252, 254, 255; 1903, 533.

spatula Odhn., 1902, 66–67 (in *Bagrus docmac*, *B. bayad*; Omdurman, Sudan).—Looss, 1902m, 480, 861 (type of *Catoptroides*).—Osborn, 1903, 254; 1903, 533.

spatulæforme Odhn., 1902, 67–68 (in *Malapterurus electricus*; Omdurman, Africa).—Looss, 1902m, 480, 861 (to *Catoptroides*).

superbum Staff., 1904, 492 (in *Ameiurus nebulosus*, *Perca flavescens*; Canada; fish probably brought to Montreal).

unicum Odhn., 1902, 66 (in *Serranus* sp.; Tor in Sinai, Red Sea).—Looss, 1902m, 480, 857, 861.—Osborn, 1903, 255; 1903, 533.

PHYLLONELLA Ben. & Hesse, 1863; 1864, 65, 66, 70–71 (m. *soleæ*).—Braun, 1890a, 412, 414, 469, 471, 475, 490, 498, 511, 516, 517, 519, 523, 526, 527.—Gamb., 1896a, 73.—Massa, 1906, 43.—Mont., 1888a, 7, 10, 13, 20, 66, 86, 87, 97; 1892, Oct. 7, 172, 213 (syn. of *Epibdella*); 1899, 98; 1902, 139 (*Phylonella*), 140, 142; 1903, 335 (= *Epibdella*).—Pratt, 1900, 848.—Tasch., 1878, 566 (syn. of *Trist.*) (*Phylonella*).—Scott, T., 1901, 142.

1878: *Phylonella* Lorenz, 1878a, 434.

hippoglossi (Mueller, 1776) Goto, 1899, 264–269, pl. 20, figs. 1–7.—Linst., 1903, 280.—Mont., 1902, 140; 1905, 75, to (*Epibdella*).

PHYLLONELLA—Continued.

soleæ Ben. & Hesse, 1863; 1864, 70–71, pl. 5, figs. 1–8 (in *Solea vulgaris*).—Braun, 1890a, 409, 418, 424, 446, 465, 475, 512, 519, 528, 547, 552.—Cunningham, 1890a, 93–96, figs. C–D.—Goto, 1899, 266.—Lorenz, 1878a, 434.—Mont., 1892, 106, 115, 124, 125, 126 (to *Epibdella*); 1902, 139 (to *Epibdella*).—Pratt, 1900, 655, 657, fig. 6.—Scott, 1901, 142–143, pl. 8, fig. 17 (in *S. v.*; Clyde River); 1901, 344 (in *Solea vulgaris*; Irish Sea); 1905, 118 (in Scott, 1901, pl. 8).—Tasch., 1878, 564, 568 (*Phyllonella*) (to Trist.).

PHYLONELLA Lorenz, 1878a, 434, for Phyllonella.

PINTNERIA Poche, 1907, Jan. 4, 125, *Hoploderma* Cohn, 1893, not *Michælis*, renamed, hence type mesocoelium.

PLACOPLECTANUM Dies., 1858e, 315, 384 (*Discocotyle*, 1850, renamed, hence type *sagittatum*; also type by first species rule and because it is the only positive species).—Braun, 1890a, 518.—Tasch., 1879, 239.

hirundinaceum (Bartels, 1834) Dies., 1858e, 384, to (*Discocotyle*).

leptogaster (Leuck., 1830) Dies., 1858e, 384 to (*Discocotyle*).—Tasch., 1879, 245 (to *Octobothrium*).

sagittatum (Leuck., 1842) Dies., 1858e, 384.—Tasch., 1879, 244 (to *Octobothrium*).—Linst., 1879 (reported for *Catostomus teres*).

PLACUNELLA Ben. & Hesse, 1863; 1864, 65, 66, 71–74 (*pini* type by page precedence).—Braun, 1890a, 411, 412, 415, 469, 498, 511, 516, 517, 519, 523, 526, 528; 1891d, 422.—Gamb., 1896a, 73.—Massa, 1903, 252; 1906, 43, 44, 51 (syn. of *Trochopus*), 58 (*Ptacunella*).—Mont., 1888a, 7, 10, 11, 13, 52, 66, 86, 87, 97; 1891, 104, 105, 107, 111; 1899, 98; 1903, 335 (= *Trochopus*).—Par. & Perugia, 1890, 13.—Par. & Mont., 1902, Dec., 46.—Pratt, 1900, 646, 648.—St.-Remy, 1898, 534.—Scott, T., 1901, 143.—Stoss., 1898, 7–8.—Tasch., 1878, 566 (syn. of Trist. Cuv.).

1906: *Ptacunella* Massa, 1906, 58, misprint.

exacantha Mont., 1891, 104, for *hexacantha*.

hexacantha Par. & Perugia, 1889, 740–741, fig. 1 (in *Serranus gigas*; Genova); 1890, 740–741, fig. 1; 1890, 5; 1894, 594.—Braun, 1890a, 418, 528, 547, 552.—Massa, 1906, 47, 59 (to *Trochopus*).—Mont., 1891, 1892g, 104, pl. 6, fig. 31 (*exacantha*).—Par., 1899, 3; 1902, 2 (in *S. g.*; Elba).

pini Ben. & Hesse, 1863; 1864, 72, 73, pl. 5, figs. 9–18 (in *Trigla pini*).—Braun, 1890a, 418, 465, 528, 547, 552.—Par. & Perugia, 1889, 740; 1890, 740; 1890, 5; 1899, 3.—Massa, 1906, 57 (to *Trochopus*), 64 (of Scott, 1901, 344) (syn. of *Trochopus diplacanthus* Massa).—Mont., 1888a, 11.—Par., 1902, 2 (in *Trigla hirundo*; Elba).—Pratt, 1900, 655, 657, fig. 8.—Scott, 1901, 344–345, 1 fig. (in *Trigla hirundo*; Irish Sea); 1901, 143 (in *Trigla pini*).—Tasch., 1878, 564–685 (to Trist.).

rhombi Ben. & Hesse, 1863; 1864, 73–74, pl. 6, figs. 1–7 (in *Rhombus maximus*).—Braun, 1890a, 412, 419, 465, 528, 547, 551.—Massa, 1906, 58 (to *Trochopus*).—Mont., 1888a, 11.—Tasch., 1878, 564, 568 (to Trist.).

vallei Par. & Perugia, 1895, (3) (in *Naucrates ductor*; Genova).—Looss, 1902m, 746.—Massa, 1903, 252; 1906, 44.—St.-Remy, 1898, 534.—Stoss., 1898, 8 (in *Naucrates ductor*; Trist.).—Type of *Ancyrocotyle* 1903.

PLACUNELLÆ Par. & Perugia, 1889, 740; 1890, 740.

PLAGIOPELTINÆ Mont., 1903, 336 (subf. of *Octocotylidæ*).

PLAGIOPELTIS Dies., 1850a, 289, 416–417 (m. duplicata); 1858e, 314, 368–369.—Ben. & Hesse, 1864, 84.—Braun, 1890a, 518, 546.—Cerf., 1895h, 920; 1896, 515.—Goldb., 1855a, 19.—Mont., 1903, 336 (syn. of *Hexacotyle*)—Tasch., 1879, 249 (syn. of *Hexacotyle* Blainv.).—See *Hexacotyla*.

duplicata (Rud., 1819) Dies., 1850a, 417 (includes *Polyst. thynni* Delaroche, 1811; *Hexacotyla thynni* Blainv.); 1858e, 369 (in *Thynnus brachypterus*; Balearic Isles, Vindobonæ).—Tasch., 1879, 250 (syn. of *Hexacotyle thynni* (Delaroche)).

thynni (Delaroche, 1811) Braun, 1891d, 421.

PLAGIOPORUS Staff., 1904, May 3, 493–494 (m. *serotinus*); *πλάγιος*, oblique; *πόρος*, pore.

serotinus Staff., 1904, May 3, 493–494 (in *Moxostoma macrolepidotum* L. S.; Canada).

PLAGIORCHIDÆ Luehe, 1901, 173; 1901, 486, 487.—Looss, 1902m, 839, 840 (includes: Lepodermatinæ Looss, Brachycoeliinæ Looss, Pleurogenetinæ Looss, also Prynopriion, Haplometra, Pneumonocæces (=Hæmatolæchus), Saphedera (=Macrodera), Opisthogonimus Luehe, Anchitrema, Dist. mutabile, Dicrocoeliinæ).

PLAGIORCHINÆ Pratt, 1902, 888, 898 (includes: Opisthioglyphe, Plagiorchis; related genera: Glossidium, Enodiotrema, Pachypsolus).

PLAGIORCHINÆ Luehe, 1901, 173.

PLAGIORCHIS Luehe, 1899k, 531, 532, 533, 534 (tld. *D. lima*); 1900, 558; 1901, 487 (*lima* designated type).—Braun, 1901b, 56, 58; 1901i, 56, 58; 1901, 563, 564, 567, 568; 1902b, 37, 40, 41, 42, 43, 46, 47, 49, 50, 53, 54, 94, 125 (syn. *Lepoderma* Looss, 1899).—Looss, 1900, 607; 1901b, 207; 1902m, 813, 824; 1907, Mar. 5, 483.—Pratt, 1902a, 888, 899.—Staff., 1905, Apr. 11, 691.—Stoss., 1904, Feb. 11, 1-2, 1 pl., 1 fig.; 1905, 31 Jan., 24.—(See also *Dist. cirratum*, *D. lima*, *mentulatum*, and probably *D. erraticum*, *D. ramlanum*, *D. reniforme* (=unicum=renifera)), *D. horridum* Leidy, possibly *didelphidis*).

asperus Stoss., 1904, 1-2, 1 pl., 1 fig. (in intest. ten. of *Plecotus auritus*; Grisi-gnana, Istria).

cirratu (Rud., 1802) Luehe, 1899, 530.—Braun, 1901, 564, 566; 1902b, 43, 46, 47, 50 (syns.: *Fasc. cirrhata* Rud., 1802, 66; *Dist. cirr. Rud.*, 1809a, 376; 1819a, 100; Dies., 1850a, 350; Mueh., 1896, 262; *Dist. (Brachylaimus) cirratum* Duj., 1845a, 413; Stoss., 1892, 11).—Staff., 1905, Apr. 11, 693.

didelphidis (Par., 1896) Stoss., 1904, table (in *Didelphis marsupialis*; Paraguay).

elegans (Rud., 1802) Braun, 1902b, 38, 42, 43, 46, 47, 50 (syns.: *Fasc. elegans* Rud., 1802, 65; *Dist. elegans* Rud., 1809a, 375; 1819a, 100; Crep., 1829, 59; Dies., 1850a, 349; *Dist. (Brachylaimus) elegans* Stoss., 1892, 11, as syn. of *D. cirratum*; Duj., 1845a, 414; *D. erraticum* Linst., 1894, 335; *D. elegans* Rud. = *D. cirratum* Rud., Mueh., 1896; 589).—Stoss., 1904, table (in *Ucelli insettivorii diversi*; Europe).

horridus (Leidy, 1850) Stoss., 1904, table (in *Boa*, India; *Python*, America).

[*lima* (Rud., 1809) Luehe, 1899k, 930-931.]

maculosus (Rud., 1802) Braun, 1901, 943; 1902b, 45, 46, 47, 54, 93, 94, figs. 27, 28 (syns.: *Fasc. hirundinis* Frœlich?, 1791, 75; *Dist. hirundinis* Zed., 1800a, 169; *Fasc. maculosa* Rud., 1802, 67; *Dist. maculosum* Rud., 1809a, 374; Duj., 1845a, 412; Dies., 1850a, 349; *D. maculosum* = *P. maculosum* Braun, 1901, 566; *D. (Dicrocoelium) maculosum* Olss., 1876, 14; *D. (Brachylaimus) maculosum* Stoss., 1892, 11; *D. crassum* Olss., 1876, 25 nec Siebold).—Kowal., 1902d, 27 [9] (*maculosa*); 1904, 25 [10] (in *Hirundo rustica*; Dublany).

mentulatus (Rud., 1819) Stoss., 1904, table (in *Tropidonotus*, *Lacerta*, *Podarcis*; Europe).

nanus (Rud., 1802) Braun, 1901, 567; 1902b, 47, 50, figs. 29, 30 (syns.: *Fasc. nana* Rud., 1802, 68; *Dist. nanum* Rud., 1809a, 376; 1819a, 101; Duj., 1845a, 446; Dies., 1850a, 350; Stoss., 1892, 41).—Stoss., 1904, table (in *Glareola*, *Scolopax*; Greifswald).

pernactus Braun, 1901, 943 (in *Hirundo rustica*; Coll. Vienna); 1902b, 46, 54, figs. 33, 34.—Stoss., 1904, table (in *rondine*; Vienna).

ramlianus (Looss, 1896) Stoss., 1904, table (in *Cameleonte*; Egitto).—Type of *Lepoderma*, 1899.

sauromates (Poir., 1886) Stoss., 1904, table (in *Elaphis*).

triangularis (Dies., 1850) Braun, 1901, 568; 1902b, 51, figs. 32, 33 (syns.: *Dist. triangulare* Dies., 1850a, 351; Stoss., 1892, 44; *D. (Brachylaimus) meropis* Par., 1896, 5; *Megacetes triangularis* Looss, 1899, 725).—Stoss., 1904, table (in *Merops apiaster*; Vienna).

vespertilionis (Mueller, 1784) Braun, 1900, 217-220, 228, 230, pl. 10, figs. 1-2.—Staff., 1905, April 11, 693 (syn. *Dist. lima*; in *Vespertilio subtilis* Say; Canada).—Stoss., 1904, 1, table (in *Chiropteri diversi*; Europa centrale).

vitellatus (Linst., 1875) Braun, 1901, 943 (in *Actitis hypoleucis*); 1902b, 50, 51, fig. 31 (syns.: *Dist. vitellatum* Linst., 1875, 189; *D. (Brachylaimus) vitellatum* Stoss., 1892, 12).—Stoss., 1904, table (in *Actitis hypoleucis*; Ratzeburg).

PLANARIA Mueller, 1776 (worm); 1780, 210; Gœze, 1782a (trematode); Brown, 1827 (mollusk); Lea, 1833 (mollusk). [The early literature on *Planaria* is rather confused, containing references to turbellaria, trematodes, and mollusks. The name is now confined to the fresh-water turbellarian group *Pla-*

PLANARIA—Continued.

nariidæ. The list of species given below contains all the specific (trematode and others) names which we have thus far had occasion to index. We have not worked out the type species, except for Gœze, 1782.]

- of Braun, — Dies., 1850a, 412 (syn. of Polyst.).—Tasch., 1879, 251 (syn. of Polyst.).
- of Gœze, 1782a, 41, 168–179, a genus or “Geschlecht” containing among others Fasc. hepatica, hence takes this as type; Gœze divides Planaria into 4 “Gattungen”: Latiuscula, Teres seu Cylindrica, Alata seu Dubia, Subclavata.—Abildg., 1790a, 36 (syn. of Dist.); 1794, 58.—Brand., 1888a, 8.—Braun, 1893a, 883, 884, 893, 894, 902, 908.—Crep., 1837, 309.—Dies., 1850a, 307 (syn. of Hemist.), 312 (syn. of Holost.), 318 (syn. of Diplodiscus), 331 (of authors, syn. of Dist.), 388 (of Gœze, 1782a, 177, pl. 16, syn. of Dist. ferox).—Lamouroux, 1824a, 559 (syn. of Dist.).—Nitzsch, 1819, 397.—Rafinesque, 1815, 151 (syn. of Monostomeus Raf.).—Rud., 1809a, 22.—Stiles, 1901, 180.—Stiles & Hass., 1898a, 88, 92 (syn. of Fasc.).
- of Linn.—Bosc, 1802a, v. 1, 248–254.
- fresh water.—Knapper, 1865a, 39 pp., 2 pls.; 1866a, 271–272.
- land.—Kennel, 1878a, 26–29 (Dorpat).—Mosley, 1874, 132 (Ceylon).
- marine.—Collinwood, 1876a, 83–98, pls. 17–19 (31 species).—Gœtte, 1878a, 75–76.—Keferstein, 1869a, 3–38, pls. 1–3 (St. Malo).—Kirk, 1882, 267–268.—Monti, 1900, 1–16, 2 pls. (regeneration).—Quatrefages, 1845, 129–184.
- miscellaneous.—Agassiz, 1866, 306–309.—Baer, 1826a, 126; 1827b, 1828d, 183–187 (of Dugès).—Bardeen, 1902, 262–288, 12 figs. (embryology, regenerative development); 1903, 1–20, 18 figs. (heteromorphosis).—Bory de St. Vincent, 1828b, 11.—Calkins, 1901b, 12 (of Agassiz).—Curtis, 1905, July 4, 169–175, 2 figs. (location of pharynx in embryo); 1905, 855–856.—Cuvier, 1817, 43.—Dalyell, 1814a.—Dugès, 1828a, 139–183, pls. 4–5 (planariées); 1830a, 169–183; 1830b, 72–90, figs. 1–26; 1833b, 619–625, figs. 1–26.—Fabricius, 1794, 20; (1798a), 52–66, pl. 2.—Faraday, 1832a, 723–724; 1833a, 183–185; 1834a, 994.—Fischer, 1799, 96.—Geddes, 1880a, 51–58; 1880b, 99–100.—Gerstfeldt, 1859a, 261–263.—Girard, 1850a, 398–402; 1850b, 300–308; 1851a; 1851b; 1854a (from Carolina).—Graber, 1879a, 278 (ameboid epithelium).—Grube, 1872a, 273–292, pls. 11–12 (from Baikal).—Herbst, 1787a, 33, 36, 94.—Houghton, 1867a, 300–301 (n. sp.); 1870a, 255–257, figs. 1–2 (2 sp. from Borneo).—Hoyle, 1890, 49.—Johnson, 1822a, 437–447, figs. 1–17; 1825b, 247–256, pl. 16, figs. 1–11; 1833b, 177–178; 1883c, 238.—Kœlliker, 1846a, 291–295, figs. 1–13.—Lamarck, 1801a, 330.—Lankester, 1890, 835–836.—Lawson, 1861a; 1861b.—Leidy, 1847e, 252 (2 sp.); 1848a, 78–79.—Leuck., 1863, 154.—Morgan, 1904, 502–505.—Pallas, 1781a, 59.—Rathke, 1799, 82; 1799, 147, pl. 2, figs. 7–8.—Ryder, 1882, 48–51, figs. 1–10 (parasitic on Limulus).—Sabussow, 1904, 1–28.—Schneider, 1866, 11.—Slawikowski, 1819, 56.—Thienemann, 1906, 499–504.
- alata* Gœze, 1782a, 176–177, pl. 14, figs. 11–13 (t. h. the fox).—Brand., 1888a, 60 (to Hemist.).—Dies., 1850a, 307–308 (to Hemist.).—Nitzsch, 1819, 399 (to Holost.).—Rud., 1809a, 402 (to Dist.).—Ward, 1895, 341 (to Hemist; in Canis familiaris).
- alpina* (Dana).—Collin, 1891b, 177–180; 1891c, 177–180.—Borelli, 1905, 4 pp.—Brand., 1900, 303–304.—Fredericq, 1905, 199–200; 1905 (X. 18), 597 (in Belgium).
- angulata* (Mueller, 1774) Fabricius, 1798, 53–58, pl. 11, figs. 1–7.—Bosc, 1802a, v. 1, 256.—Herbst, 1787a, 34.
- ardeæ* (Gmelin, 1790) Rud., 1809a, 432 (see Dist. ardeæ stellaris Rud.).
- atomata* Bosc, 1802a, v. 1, 260.
- auriculata* Bosc, 1802a, v. 1, 261.
- badia* Rathke, 1799, 147, pl. 3, figs. 9, a–b.
- bicornis* Bosc, 1802a, v. 1, 257.
- bilis* Braun, 1790a, 61, pl. 3, figs. 4–5 (in Falco melanaëtus; Germany); 1792, 61, pl. 3, figs. 4–5.—Braun, 1901f, 561.—Dies., 1850a, 376 (syn. of Dist. crassiusculum).—Gmelin, 1790a, 3054 (to Fasc.).—Rud., 1809a, 408 (=Dist. crassiusculum Rud.).
- brunnea* (Mueller, 1774) — —, 1776.—Fabricius, 1798, 64–66, pl. 11, figs. 13–15.—Bosc, 1802a, v. 1, 255 (brunea).—Herbst, 1787a, 33.

PLANARIA—Continued.

- candida* (Mueller, 1774) — —, 1776.—Fabricius, 1798, 62–64, pl. 11, figs. 11–12.—Bosc, 1802a, v. 1, 262.—Herbst, 1787a, 35.
- capitala* Bosc, 1802a, v. 1, 261 (for capitata?), in Baltic Sea.
- capitata* (Mueller, 1774) — —, 1776.—Herbst, 1787a, 35.
- carnea* Rathke, 1799, 83, 147, pl. 3, figs. 10 a–b.
- caudata* (Mueller, 1774) Bosc, 1802a, v. 1, 261.—Herbst, 1787a, 35.
- cavatica* Fries, — —, 151–153.
- ciliata* (Mueller, 1774) — —, 1776.—Bosc, 1802a, v. 1, 255.—Herbst, 1787a, 34.
- cornuta* Mueller, 1776a, 221.—Bosc, 1802a, v. 1, 260.—Herbst, 1787a, 34.
- crenata* (Mueller, 1774) — —, 1776.—Bosc, 1802a, v. 1, 259.—Herbst, 1787a, 34.
- cylindrica* Goeze, 1782, 173: *P. teres* s. *cylindrica*, 174 (syn. of *cylindraceum*) (in frogs).—Dies., 1850a, 368 (syn. of *Dist. cylindraceum*).—Looss, 1894a, 64 (syn. of *Dist. cylindraceum*).—Rud., 1809a, 393.
- dubia* Goeze, 1782a, 177 (= *P. alata*).
- ehrenbergii* Focke, 1836a, 191–206, pl. 17, figs. 1–19.
- festæ* Borelli, 1898, 6 pp., 2 figs., var. *albolineata*.
- filaria* Bosc, 1802a, v. 1, 261.
- flaccida* (Mueller, 1774) — —, 1776.—Bosc, 1802a, v. 1, 256.—Herbst, 1787a, 34.
- fulva* Bosc, 1802a, v. 1, 257–258.
- fusca* Fabricius, 1798, 58 (syn. *Fasc. angulata* Mueller); 1799, 151.—Bosc, 1802a, v. 1, 258.
- fuscescens* Fabricius, 1798, 58–62, pl. 11, figs. 8–10; 1799, 151.
- gesserenensis* Bosc, 1802a, v. 1, 262.
- glauca* (Mueller, 1774) Herbst, 1787a, 43.—Bosc, 1802a, v. 1, 258.
- gonocephala* Ackermann, 1905, 137–139, 4 figs.
- grisea* Bosc, 1802a, v. 1, 257.
- grossa* (Mueller, 1774) — —, 1776.—Bosc, 1802a, v. 1, 260.—Herbst, 1787a, v. 1, 35.
- gulo* (Mueller, 1774) — —, 1776.—Bosc, 1802a, v. 1, 255.—Herbst, 1787a, 34.
- helluo* (Mueller, 1774) Herbst, 1787a, 35.—Bosc, 1802a, v. 1, 259.
- hirudo* Johnston, 1846a, 437, pl. 15, fig. 3.—Dies., 1850a, 473.
- ignorata* Raspail, 1902, 119–123.
- inquilina* Graff, 1904, 457 (in *Schnecken*).
- insignis* Graff; 1904, 457 (in *Schnecken*).
- intestinalis* Mueller.—Abildg., 1790, 34 (syn. of *Fasc.*).
- lactea* (Mueller, 1774) Herbst, 1787a, 34.—Baer, 1826a, 126.—Bosc, 1802a, v. 1, 258–259.—Nord., 1832a, 69.—Tasch., 1879, 36.
- lagna* Braun, 1788a, 257, pl. 10, figs. 1–3.—Dies., 1850a, 380 (syn. of *Dist. nodulosum*).—Gmelin, 1790a, 3057 (to *Fasc.*).—Looss, 1894a, 33 (syn. of *D. nod.*).—Rud., 1809a, 410, 412 (syn. of *D. nod.*).
- latiuscula* Goeze, 1782a, 169, 171.—Anacker, 1892c, 94.—Dies., 1850a, 333 (syn. of *Dist. lanceolatum*), 385 (syn. of *D. echinocephalum* Rud.).—Dunglison, 1893, 875.—Macé, 1882, 25.—Rud., 1809a, 353 (= *Fasc. hepatica*), 429 (= *Dist. falconis milvi* Rud.).—Stiles & Hass., 1898a, 88.—Stiles, 1898a, 29.—Ward, 1895, 246 (syn. of *Fasc. hep.*).
- laurentiana* Borelli, 1897, 4 pp., 1 fig.
- limuli* Graff (1879), 202–205.
- linearis* (Mueller, 1774) Herbst, 1787a, 35.—Bosc, 1802a, v. 1, 260.—Rathke, 1799, 83, 147, pl. 3, fig. 11.
- lineata* (Mueller, 1774) — —, 1776.—Bosc, 1802a, v. 1, 258.—Herbst, 1787a, 34.
- lingua* Bosc, 1802a, v. 1, 262.
- littoralis* Herbst, 1787a, 35.
- lucii* (Mueller, 1776) Goeze, 1782a, 172, pl. 14, fig. 3.—Ben., 1858a, 1861a, 100 (syn. of *D. teret.*).—Dies., 1850a, 358 (syn. of *Dist. tereticolle*).—Looss, 1894a, 5 (syn. of *D. teret.*).—Rud., 1809a, 380.—Sramek, 1901, 105 (syn. of *D. teret.*).
- lugubris* Morgan, 1901, 179–212, 14 figs; 1902, 132–139, 24 figs.

PLANARIA—Continued.

- maculata* Leidy, 1847e, 252; 1851b (free; Philadelphia); 1904a, 11, 54 (maculata).—Bardeen, 1901, 351–352 (regeneration).—Curtis, 1900, 56–59, 9 figs. (anat., development of reproductive organs); 1901, 357–359 (asexual reprod.); 1902, 515–559, 11 pls. (biol., reprod. organs).—Morgan, 1898–1900, 364–397, 41 figs.; 1904, 683–695, 1 fig.—Thacher, 1902, v. 36, 633–641; 1903, 24 Feb., 115–116.
- maculata* Leidy, 1904a, 54, for maculata.
- marmorata* Bosc, 1802a, v. 1, 262 (free form).
- marmorosa* (Mueller, 1774) Herbst, 1787a, 35.
- melis* [Goeze, 1782a, 176, pl. 14, figs. 9–10, Planaria in Dachs, March].—Dies., 1850a, 381 (syn. of Dist. trigonocephalum).—Rud., 1809a, 415.
- midæ* (=mydæ renamed?) Dies., 1850a, 325 (syn. of Monost. trigonocephalum).—Braun, 1901b, 42.
- montenigrina* Mrazek, 1904a, 43 pp., 2 pls., 2 figs.; Montenegro.
- mutabilis* Eichwald, —, 78, pl. 9, fig. 16.—Dies., 1850a, 649.
- mydæ* Braun in Rud., 1809a, 336 (=Monost. (Monost.) trigonocephalum Rud., 1809).
- nigra* (Mueller, 1774) Herbst, 1787a, 33.—Bosc, 1802a, v. 1, 255.—Chiaje, 1837a, 14.
- notulata* Bosc, 1802a, v. 1, 254–255, pl. 8, figs. 7–8.
- obscura* (Mueller, 1774) —, 1776.—Bosc, 1802a, v. 1, 259.—Herbst, 1787a, 35.
- operculata* Herbst, 1787a, 36.—Bosc, 1802a, v. 1, 256.
- polychroa* Tasch., 1879, 36.
- punctata* (Mueller, 1774) Herbst, 1787a, 34 [6], 35.—Bosc, 1802a, v. 1, 255.
- pusilla* Braun, 1790a, 63–65, pl. 3, figs. 6–7 (in *Erinaceus europæus*; Europe).—Dies., 1850a, 360 (to Dist.).—Gmelin, 1790a, 3055 (to Fasc.).—Rudolphi, 1809a, 384.
- pusio* Eichwald, —, 79, pl. 9, fig. 17.—Dies., 1850a, 648.
- putorii* Gmelin, 1790a, 3053.—Dies., 1850a, 381 (syn. of Dist. trigonocephalum).—[Goeze, 1782a, 175, pl. 14, figs. 7–8].—Nord., 1840, 621 (syn. of Fasc. trigonocephala).—Rud., 1809a, 415.
- quadrangulata* Bosc, 1802a, v. 1, 257.
- radiata* (Mueller, 1774) —, 1776.—Bosc, 1802a, v. 1, 260.—Herbst, 1787a, 35.
- rosea* (Mueller, 1774) Herbst, 1787a, 34.—Bosc, 1802a, v. 1, 256.—Lamarck, 1801a, 330.
- rostrata* (Mueller, 1774) —, 1776.—Bosc, 1802a, v. 1, 259.—Herbst, 1787a, 35.
- rubra* (Mueller, 1774) —, 1776.—Bosc, 1802a, v. 1, 256.—Herbst, 1787a, 34.
- rutilans* Bosc, 1802a, v. 1, 258.
- schlosseri* Graff, 1904, 457 (in *Botryllus schlosseri*).
- simplicissima* Morgan, 1904, 385–393, 20 figs.—Stevens, 1904, 208–220, 4 pls.
- simplissima* Curtis, 1900a, 10 Apr., 447–466, pls. 31–32, figs. 1–14 (reproductive system); 1900b.
- stagnalis* (Mueller, 1774) —, 1776.—Bosc, 1802a, v. 1, 255.—Herbst, 1787a, 33.
- striata* Herbst, 1787a, 34.
- strigata* (Mueller, 1774) —, 1776.—Bosc, 1802a, v. 1, 260.—Herbst, 1787a, 35.
- strigis* (Schränk, 1788).—Fischder., 1901, 367; 1902a, 7 (=Holost. macrocephalum), type of *Strigea*; 1903h, 490.
- subclavata* Goeze, 1782a, 178–179, pl. 15, figs. 2–3 (t. h. *Rana*, intestine; Europe) (restricted from Fasc. subclavata, ore sessile, Pallas).—Ben., 1858a, 1861a, 81, 82 (to Amphist.).—Dies., 1850a, 318 (to *Diplodiscus*).—Nitzsch, 1819, 398 (to Amphist.).—Nord., 1840, 627 (to Amphist.).—Olfers, 1816, 45.—Rud., 1809a, 348 (to Amphist.).
- subulata* Herbst, 1787a, 36.—Bosc, 1802a, v. 1, 257.
- tentaculata* (Mueller, 1774) —, 1776.—Baer, 1826a, 126.—Bosc, 1802a, v. 1, 259.—Herbst, 1787a, 34.
- teres* seu *cylindrica* Goeze, 1782a, 173.—Linst., 1905, 191.—Looss, 1899b, 680.
- teres duplici poro* Goeze, 1782a, 173.—Baird, 1853a, 55 (=Dist. trigonocephalum).

PLANARIA—Continued.

- teres poro simplici* Goeze, 1782a, 173, 174, pl. 14, figs. 4-6.—Baird, 1853a, 47, 55 (=Holost. macrocephalum).—Dies., 1850a, 312 (syn. of Holost. variabile), 383 (syn. of D. echinatum).—Rud., 1809a, 340, 418.
- terrestris* (Mueller, 1774) —, 1776.—Bosc, 1802a, v. 1, 261.—Carrière, 1879a, 29 Dec., 668.—Herbst, 1787a, 35.—Jenyns, 1869a, 25.—Lubbock, 1868a, 193-195 (in England).
- tetragona* (Mueller, 1774) —, 1776.—Bosc, 1802a, v. 1, 261.—Herbst, 1787a, 35.—Mueller, —, v. 3, 42 (=Fasc. tetragona) (free form).
- torva* (Mueller, 1774) Herbst, 1787a, 34.—Baer, 1826a, 126.—Ben., 1858a, 1861a, 198.—Bosc, 1802a, v. 1, 259, pl. 8, fig. 9.—Flexner, 1898, 337-346, 1 pl. (regeneration of nervous syst.).—Mont., 1888a, 44.
- tremellaris* (Mueller, 1774) —, 1776.—Herbst, 1787a, 35.
- trimellaris* Bosc, 1802a, v. 1, 262.
- truncata* Bosc, 1802a, v. 1, 262.
- truncata* Leidy, 1851 (free form; Newark, Del.); 1904a, 54.
- uncinulata* Braun, 1790a, 58-61, pl. 3, figs. 1-3 (in Rana esculenta; Germany).—Dies., 1850a, 412 (syn. of Polyst. integerrimum).—Gmelin, 1790a, 3056 (to Fasc.).—Rud., 1809a, 451.—Stoss., 1898, 10.
- unionicola* Graff, 1904, 457 (in Muscheln).
- velellæ* Graff, 1904, 456.
- ventricosa* Bosc, 1802a, v. 1, 257.
- vespertilionis* (Mueller, 1784).—Dies., 1850a, 387 (of Goeze, 1782a, 171, pl. 14, f. 1-2, syn. of Distomum lima).—Kolenati, 1857, 12.—Rud., 1809a, 427.
- viridata* Bosc, 1802a, v. 1, 258.
- viridis* Bosc, 1802a, v. 1, 256.—Herbst, 1787a, 34.

PLANARIADÆ Mell, 1903, 191-236, 3 pls., 4 figs. (of madagassischen Subregion).

PLANARIÆ Fabricius, 1799, 151.—Blainv., 1828a, 577 (fam.).—Darwin, 1844a, 14 Oct., 241-251, pl. 5, figs. 1-4.—Faraday, 1832a, 11 Feb., 723-724; 1833a, Jan., 183-185; 1834a, 994.—de Férussac, 1821a, 90-92, pl. 116 (sp. in Brazil).—Girard, 1850a, 398-402 (embryology); 1851a, 258-273; 1851b, Jan., 41-53.—Houghton, 1870a, Sept., 255-257, figs. 1-2 (from Borneo).

PLANARIIDÆ Pease, 1860, 37-38 (of Sandwich Islands).

PLATYASPI Mont., 1892, Oct. 7, 205 (m. lenoiri).—Braun, 1893a, 888, 890, 891, 894, 896, 897, 917; 1893b, 188.—Gamb., 1896a, 73.—Kofoid, 1899a, 181, 182, 183, 184.—Looss, 1902m, 428, 429.—Nickerson, 1902, 613, 615.—Pratt, 1902, 887, 891.—Stoss., 1899, 4.

anodontæ Osborn, 1898, 416 (in Unio luteolus, Anodonta; Lake Chautauqua, N. Y.).—Kofoid, 1899a, 179-186 (identity with Cotylaspis insignis); 1899b.

lenoiri (Poir., 1886) Mont., 1892, Oct. 7, 205-206 (in Tetrathyrva vaillanti; Senegal).—Braun, 1893a, 897.—Looss, 1902m, 418, 428, 429, 783.—Nickerson, 1902, 613.

PLATYCOTYLE Ben. & Hesse, 1863; 1864, 96, 108 (m. gurnardi).—Braun, 1890a, 413, 498, 516, 517, 523, 534, 537, 546; 1893a, 890.—Cerf., 1895h, 918; 1896, 514.—Gamb., 1896a, 73.—Hoyle, 1890, 539.—Mont., 1888a, 8, 11, 86, 89, 100.—Pratt, 1900, 646, 651, 656, fig. 27.—Tasch., 1879, 69; 1879, 239, 248.

gurnardi Tasch., 1879, 248, for gurnardi.

gurnardi Ben. & Hesse, 1863, 108; 1864, 108-109, pl. 11, figs. 14-15 (in Trigla gurnardus).—Braun, 1890a, 418; 469, 537, 548, 552.—Pratt, 1900, 656, 657, fig. 27.—Tasch., 1879, 248 (guanardi, in Trigla gu[r]nardus).

PLECTANOCOTYLE Dies., 1850a, 289, 420-421, 425 (m. elliptica).—Braun, 1890a, 413, 415, 516, 517, 523, 534, 537, 546; 1893a, 890.—Gamb., 1896a, 73.—Goldb., 1855, 19.—Hoyle, 1890, 539 (on gills of Labrax mucronatus).—Mont., 1888a, 11, 89, 100; 1892, Oct. 7, 213 (Octocotylinæ); 1899c, 1045-1053, figs. 1-12; 1903, 336 (subf. Plectanocotylinæ); 1905, 76-78.—Pratt, 1900, 646, 651, 656, fig. 30; 661 (on gills of marine fishes).—Tasch., 1879, 69 (of Ben. & Hesse); 1879, 239, 250 (syn. Plectanophorus).

1858: Plectanophorus Dies., 1858, 315, 382 (m. ellipticus).

PLECTANOCOTYLE—Continued.

elliptica Dies., 1850a, 421 (t. h. *Labrax mucronatus*; loc. not given); 18—, 69, pl. 1, figs. 4-9; 1858e, 382 (to *Plectanophorus*).—Braun, 1890a, 408, 537, 548, 551.—Mont., 1905, 76.—Pratt, 1900, 656, fig. 30; 657, 661.—Tasch., 1879, 250 (in *Labrax mucronatus*).

lorenzii Mont., 1899, 1, 1 pl.; 1899c, 1045-1053, figs. 1-12 (on *Trigla* sp.; Rovigno); 1905, 76, 78.—Scott, 1905, 116 (syn. *Phyllocotyle gurnardi*) (in *Trigla* sp.).

nordmanni (Dies., 1850) Braun, 1890a, 418.—Type of *Encotyllabe*.

PLECTANOCOTYLINÆ Mont., 1903, 336 (f. *Hexacotylidæ*).

PLECTANOPHORA Dies., 1858.—Ben. & Hesse, 1864, 120.—Mont., 1888a, 84.

PLECTANOPHORUS Dies., 1858e, 315, 382 (m. *ellipticus*; *Plectanocotyle* renamed); 1859c, 443.—Tasch., 1879, 250 (syn. of *Plectanocotyle* Dies.).

ellipticus (Dies., 1850) Dies., 1858e, 382 (in *Labrax mucronatus*), type of *Plectanocotyle* 1850.—Tasch., 1879, 250 (to *Plectanocotyle*).

PLECTOBOTHRII Nord., 1840, 596.

PLEORCHIS Rail., 1896, Mar. 15, 160 (for *Polyorchis* Stoss., 1892 [not Agassiz, 1862, *coelenterate*]; type *polyorchis*).—Pratt, 1902, 887 (related to *Fasciolinæ*), 893.—Stiles & Hass., 1898a, 92, 97 (syns.: *Dist. (Polyorchis)* Stoss., *Polyorchis* Stoss.) (type *polyorchis*).—Stoss., 1898, 30.

cygnoides (Zed., 1800) Stoss., 1898, 31 (in *Bombinator igneus*; Trieste).

mollis (Leidy, 1856) Stiles, 1896, 213.

polyorchis (Stoss., 1889) Stiles, 1896, 205.—Stoss., 1898, 30-31 (in *Corvina nigra*; Trieste).

urocotyle Par., 1899, 6, 1 fig. (in *Scorpæna scrofa*; Portoferraio); 1902, 5 (in *Scorpæna porcus*; Portoferraio; *S. scrofa*; Elba).—Braun, 1902b, 23.—Odhn., 1905, 364.

PLESIOCHORUS Looss, 1901b, 205 (m. *cymbiformis*); *ὁ πλησιόχωρος*, Grenznachbar; 1901, 557, 558; 1902m, 478, 479, 480, 481, 482, 483, 484, 485, 526, 814, 844, 857 (*Anaporrhutinae*), 858, 859, 860, 861, 863, fig. iv.—Odhn., 1901, 65, 67; 1902, 65, 67.—Pratt, 1902, 888, 901.

cymbiformis (Rud., 1819) Looss, 1901b, [205], 207, 209; 1901, 557, 558; 1902m, 414, 415, 417, 469-476 (includes *Dist. cymbiformis* Rud., 1819, 371; Sons., 1893, 2; Stoss., 1895, 38, pl. 4, fig. 1; Braun, 1899, 729; Looss, 1899b, 605; Phyllost. *cymbiforme* (Rud.) Braun, 1901, 1, pl. 1, fig. 1), 479, 480, 482, 788, 791 (amphitype very common), 813, 814, 844, 857, 863, 870, pl. 23, figs. 30-36.—Odhn., 1902, 68.—Reported for *Chelone mydas*, *Thalassochelys corticata*.

PLEUROCOTYLE a Gerv. & Ben., 1859b, 194 (based upon Grube, 1855a, 137) (m. *scombr*).—Ben. & Hesse, 1864, 96.—Brand., 1898a, [17] 209.—Braun, 1890a, 413, 414, 462, 477, 516, 517, 523, 534, 535, 546; 1893a, 890.—Cerf., 1895h, 918; 1896, 514.—Dies., 1859c, 444 (syn. of *Grubea* Dies.).—Gamb., 1896, 73.—Hoyle, 1890, 539.—Mont., 1888a, 8, 11, 48, 84, 89, 99; 1892, Oct. 7, 213 (subg. in *Octocotylinae*); 1903, 336 (*Pleurocotylinae*).—Pratt, 1900, 646, 651, 656, fig. 28.—Tasch., 1879, 69; 1879, 239, 248 (syns.: *Octobothrium* ? Grube, *Tetracotyle* Grube, *Grubea* Dies.).—Ziegler, 1883, 552.—See *Grubea*.

scombr (of Grube, 1855) [Gerv. & Ben., 1859b, 194, does not use combination, based on Troschel's Arch., 1855, 137].—Ben. & Hesse, 1863, 100; 1864, 100 (syns.: *Octobothrium scombr* Grube, *Grubea scombr*) (in Maquereau).—Braun, 1890a, 407, 414, 418, 462, 518, 535, 548, 552.—Knoch, 1894a, 11, 12.—Lang, 1880.—Mont., 1888a, 48, 49.—Par., 1884, 549, 595, 671, 680; 1902, 3 (in *Scomber colias*, *S. scombr*, *S. sp.*; Portoferraio).—Par. & Perugia, 1890, 7.—Pratt, 1900, 656, 657, fig. 28.—Scott, 1901, 147.—Tasch., 1878, 575-577; 1879, 35; 1879, 248-249 (syns.: *Octobothrium sc.* Nord., *Tetracotyle sc.* Grube, *Grubea cochlear* Dies.) (in *Scomber scombr*, *S. colias*; Naples).

PLEUROCOTYLIDÆ Mont., 1903, 336 (subf. *Pleurocotylinae*, g. *Pleurocotyle*).

PLEUROCOTYLINÆ Mont., 1903, 336 (f. *Pleurocotylidæ*).

PLEUROGENES Looss, 1896b, 97 (tod. *claviger*) (*πλαῦρα*=side; *γενᾶω*=procreate); 1899b, 614, 615, 616-617, 622, 623; 1901, 194; 1902m, 820, 838.—Luehe, 1899, 536; 1900, 509.—Pratt, 1902, 889, 902.—Staff., 1905, Apr. 11, 683, 684.—Stiles, 1901, [183] (*Pleuronectes*, *lapsus calami*), 185.—Stoss., 1899, 7, 10.

^a Gervais & Ben. use both *Pleurocotyle* and *Pleurocotylus*, but they evidently intended the former as a French vernacular name, the latter as the Latin scientific name. Later authors apparently overlooked this fact.

PLEUROGENES—Continued.

- arcanum* (Nickerson, 1900) Pratt, 1902, 959.—Klein, 1905, 13 (arcana); 1905, 71 (arcanus).—Staff., 1905, 683 (type of *Loxogenes*).
- betencourti* (Mont., 1893) Stoss., 1899, 10 (in *Scyllium canicula*, S. stellare; Boulagne).—Looss, 1899b, 622.
- brusinae* (Stoss., 1889, 25) Stoss., 1899, 10 (in *Oblata melanura*; Triest).—Looss, 1899, 622.—Type of *Diphtherostomum*, 1904.
- claviger* (Rud., 1819) Looss, 1899b, 569, 617; 1902m, 787, 820.—Klein, 1905, 11, 13, 17; 1905, 69.—Kowal., 1902d, [9] 27 (syns.: Dist. cl. Rud., D. neglectum Linst.); 1904, [7] 22.—Luehe, 1901, 171; 1901, 57.—Odhn., 1900, 17.—Ssinitzin, 1905, 146.—Staff., 1905, Apr. 11, 684 (type).
- confusus* (Looss, 1894) Klein, 1905, 68; 1905, 10, 11, 12, 13, 17.
- gastroporus* Luehe, 1901p, 166–171 (in *Rana cyanophlyctis* Schneider; India).—Klein, 1905, 10, 11, 13, 14; 1905, 68, 69.—Staff., 1905, Apr. 11, 684.
- glaviger* Ssinitzin, 1906, 687 (for *claviger*).
- medians* (Olss., 1876) Klein, 1905, 10, 11, 12, 13, 14, 17, 18; 1905, 68.—Looss, 1899b, 617; 1902m, 820, 824.—Luehe, 1901, 57; 1901, 171.—Odhn., 1900, 17.—Ssinitzin, 1905, 145–146; 1906, 687 (in *Agrion* and beetle larvæ; Warschau). Staff., 1905, Apr. 11, 683 (syn. of *Loxogenes arcenum*), 684, 685.—Stoss., 1900, 7–8, fig. 12 (in *Rana esculenta*; Triest); 1900, 17.
- sphaericus* Klein, 1905, 68–72, pl. 5, figs. 4–5 (in *Rana hexadactyla*; Koenigsberg, from India); 1905, 10–14, pl. 1, fig. 5.
- tacapense* (“Sons., 1894” of Looss, 1896) Stoss., 1899, 10 (= *Prosotocus tener* [tacapense was a misdetermination]) (in *camaleonte*; Tunisia; Alessandria).
- tacapensis* (Sons., 1894) Looss, 1899b, 622.
- tener* (Looss, 1898) Looss, 1898, 461; 1899b, 622.—Klein, 1905, 10, 11, 12, 13; 1905, 68.
- PLEUROGENETINÆ** Looss, 1899b, 615, 623; 1902m, 839.—Luehe, 1900, 561; 1901, 171.—Odhn., 1902, 38, 42; 1902, 40.—Pratt, 1902, 889, 902 (includes: *Prosotocus*, *Pleurogenes*, *Gymnophallus*, *Lepidophyllum*).—Stoss., 1904, 198.—Ward, 1901, 185.
- PLEUROGONINÆ** Braun, 1900a, 1664, 1674.
- PLEUROGONIUS** Looss, 19011, 567, 568, 569 (tod. *longiusculus*); 1902m, 417, 557, 564, 569, 570 (type *longiusculus*), 572, 579, 583, 588, 589, 591, 594, 595, 596, 597, 599, 603, 609, 610, 612–616.—Pratt, 1902, 890, 910.
- bilobus* Looss, 19011, 569 (in *Chelone mydas*; Egypt); 1902m, 567–568, pl. 27, fig. 100; 569, 878, pl. 27, fig. 100.
- linearis* Looss, 19011, 618 (in *Chelone mydas*; Egypt); 1902m, 565–567, 569, 878, pl. 27, fig. 99.
- longiusculus* Looss, 1902m, 582, misprint.
- longiusculus* Looss, 19011, 568–569, 618 (in *Chelone mydas*; Egypt) (582 *longiusculus*); 1902m, 527, 558–561 (syn. *Monost. trigonocephalum* Rud. of Ben., 1859, 81, pl. 2, fig. 5; Walter, 1893, 191), pl. 27, figs. 94–98, pl. 32, figs. 176, 177; 562, 563, 564, 565, 566, 569, 570 (type of *Pleurogonius*), 588, 589, 591, 592, 596, 617, 788.
- minutissimus* Looss, 19011, 7 Nov., 618–619 (in *Chelone mydas*; Egypt); 1902m, 568–569, pl. 27, fig. 101; 879.
- trigonocephalus* (Rud., 1809) Looss, 19011, 567–568, 620 (in *Thalassochelys corticata*); 1902m, 416, 417, 548–558 (syns.: *Monost. trigonocephalum* Rud., 1809a, 336; 1819a, 349; Braun, 1901a, 38, pl. 2, fig. 29), pl. 26, figs. 75–78; 569, 570, 575, 588, 813, 876.—Cohn, 1904, 237.
- PLEURONECTES** Stiles, 1901, 183, lapsus calami for *Pleurogenes*.
- PNEUMONGES** Looss, 1902m, 732, 780, 839 (*Hæmatolæchus* Looss renamed) (type *variegatus*).—Klein, 1905, 64.—Staff., 1905, Apr. 11, 687 (syn. *Hæmatolæchus*).
- 1899: *Hæmatolæchus* Looss, 1899b, 600 (tod. *variegatus*) [not *Hæmatolæcha* Stål, 1874, hemipteron].
- asper* (Looss, 1899) Klein, 1905, 64; 1905, 6.
- breviplexus* (Staff., 1902) Staff., 1905, 687 (in lungs of American toads and frogs).—Klein, 1905, 3, 5, 6; 1905, 61.

PNEUMONÆCES—Continued.

- capyristes* Klein, 1905, 60–65, pl. 5, figs. 1–2 (in *Rana hexadactyla*; from India); 1905, 2–7, pl. 1, figs. 1, 2.
- complexus* Seely, 1906, 249–252, figs. 1–2 (in *Rana pipiens*; North Carolina).
- longiplexus* (Staff., 1902) Staff., 1905, 681; 1905, Apr. 11, 687 (American frogs and toads).—Klein, 1905, 6; 1905, 64.—Seely, 1906, 249.
- medioplexus* (Staff., 1902) Staff., 1905, Apr. 11, 687 (syn. *Ostiolum formosum*) in American frogs and toads).—Klein, 1905, 3, 6; 1905, 61.—Seely, 1906, 252.
- similiplexus* (Staff., 1902) Staff., 1905, Apr. 11, 687 (in American frogs and toads).—Klein, 1905, 6; 1905, 64.—Seely, 1906, 252.
- similis* (Looss, 1899) Looss, 1902m, 762.—Klein, 1905, 2, 3, 4, 5, 6; 1905, 61.
- variegatus* (Rud., 1819) Looss, 1902m, 806.—Engler, 1904, 186.—Klein, 1905, 1, 2, 3, 4, 5, 6; 1905, 59.
- varioplexus* (Staff., 1902) Staff., 1905, Apr. 11, 687 (in American frogs and toads).—Klein, 1905, 3, 6; 1905, 61.

- **PODOCOTYLE** (Duj., 1845) (tld. *angulatum* = *atomon*), see also (*Podocotyle*).—R. Bl., 1891, 609.—Braun, 1893a, 885, 886, 890, 909, 910; 1900h, 3.—Fil., 1857c, 9.—Jägers., 1901, 982.—Looss, 1899b, 528, 535, 538, 542, 647; 1902m, 721, 757, 764, 770, 771, 772, 827 (type *angulatum*).—Luehe, 1900u, 487–492; 1900v, 792; 1900, 562; 1901g, 42.—Mont., 1888a, 92, 105; 1892, Oct. 7, 214 (gen. of *Distominæ*); 1893, 150, 151, 152, 153, 155, 167, 168.—Odh., 1905, 326 (type *atomon*).—Pratt, 1902, 888 (related to *Opisthorchiinae*), 896.—Sons., 1890, 140.—Stiles, 1901, 193, 196.—Stiles & Hass., 1898a, 92–93, 97 (syns.: ? *Schisturus* Rud., *Dist. (Podocotyle)* Duj.), type *angulatum*.—Stoss., 1892, 4; 1898, 24; 1902, 582.
- angulata* (Duj., 1845) Jägers., 1901, 982, see *atomon*.
- atomon* (Rud., 1802) Odhn., 1905, 320–326, pl. 2, figs. 9–10 (syns.: *Fasc. at.*, *Dist. at.*, *D. angulatum*, *D. simplex* Rud. of Olss., *Allocreadium at.*), type of genus.—Nicol., 1907, 68, 69, 70, 71, 73–77, pl. 1, figs. 1–2 (syns.: *Psilost. redactum*, *Dist. simplex*) (in *Centronotus grumellus*, *Cottus bubalis*, *C. scorpius*, *Gasterosteus aculeatus*, *Gobius ruthensparri*, *Liparis montagui*, *Motella mustella*, *Zoarces viviparus*).
- contortum* (Rud., 1819) Stoss., 1898, 24–25 (in *Orthogoriscus mola*; Trieste) [type of *Accacœlium*].—Barbagallo & Drago, 1903, 409 (in *Orthag. mola*; Catania).
- fractum* (Rud., 1819) Stoss., 1898, 26 (in *Box salpa*; Trieste).—Barbagallo & Drago, 1903, 409 (in *B. s.*; Catania).—Osborn, 1903, 316.—Par., 1902, 4 (in *B. s.*; Portoferraio).
- furcatum* (Bremser, 1819) Stoss., 1898, 26 (in *Mullus barbatus*, *M. surmuletus*, *Solea vulgaris*; Trieste); 1899, 5.—Barbagallo & Drago, 1903, 409 (in *Mullus surmuletus*, *Solea vulgaris*; Catania).—Fischder., 1903h, 548.—Jägers., 1901, 982.—Looss, 1902m, 771.—Luehe, 1900, 490, 491 (*furcata*); 1901, 475.
- macrocotyle* (Dies., 1858) Stoss., 1898, 25 (in *Orthogoriscus mola*; Trieste).—Barbagallo & Drago, 1903, 409 (in *Or. mola*; Catania).
- olssoni* Odhn., 1905, 326, 327, new name for *Dist. simplex* of Olss. (in *Gadus melanostomus*, *Lumprenus maculatus*; West Coast of Sweden).
- pachysomum* (Eysenhardt, 1829) Stoss., 1898, 27 (in *Mugil*; Trieste).—Barbagallo & Drago, 1903, 409 (in *Mugil cephalus*; Catania).
- pedicellatum* (Stoss., 1887) Stoss., 1898, 25 (in *Chrysophrys aurata*; Trieste).—Barbagallo & Drago, 1903, 409 (in *Chrys. aur.*; Catania).
- planci* Stoss., 1899, 5, fig. 9 (in *Ranzania truncata*; Trieste).—Looss 1902m, 637.
- reflexa* (Crép., 1825) Odhn., 1905, 324, 326–327 (in *Cyclopterus lumpus*; West Coast of Sweden).
- retroflexum* (Mol., 1861) Stoss., 1898, 26–27 (in *Belone acus*; Trieste).—Barbagallo & Drago, 1903, 409 (in *Bel. ac.*, *Exocœtus volitans*; Catania).
- species of Mueller, 1897, 23–24, 26, pl. 3, fig. 8 (in *Numenius arquatus*).
- (**PODOCOTYLE**) Duj., 1845a, 388, 401 (tld. *angulatum*).
- angulatum* Duj., 1845a, 386, 401–402, designated type of subg. by Stiles & Hass., 1898a, 93, (t. h. *Anguilla vulgaris* in the Morbidan).
- fractum* (Rud., 1819) Stoss., 1886, 49 (to *Podocotyle* by Stoss., 1898, 26).
- furcatum* (Bremser, 1819) Duj., 1845a, 402 (to *Podocotyle* by Stoss. 1898, 26).

(PODOCOTYLE)—Continued.

gibbosum (Rud., 1802) Duj. 1845a, 402.

macrocotyle (Dies., 1858) Stoss., 1898, 25.

pachysomum (Eysenhardt, 1829) Stoss., 1886, 57 (to Podocotyle by Stoss., 1898, 27).

perlatus (Nord., 1832) Duj., 1845a, 387, 401 (to D. (Echinost.) by Stoss., 1886, 62) (type of Asymphyllodora Looss, 1899b, 598).

retroflexum (Mol., 1861) Stoss., 1886, 60 (to Podocotyle by Stoss., 1898, 26).

unicum (Mol., 1859) Stoss., 1886, 58.

POLISTOMEÆ Mont., 1888a, 13, 34, 42 (see Polystomeæ).

POLISTOMUM Sons., 1889, 283, for Polystomum.

POLYANGIUM Looss, 1902m, 584, 633, 634, 639, 642, 648, 652, 658, 667, 668, 675, 681, 684, 687-688 (tod. linguatula), 689, 698, 699.

linguatula (Looss, 1899) Looss, 1902m, 632, 688, 689, 697, 698, 885, pl. 30, fig. 145-150.

POLYCOTYLA Blainv., 1828a, 569-570 (family name).—Johnston, 1865a, 31.—Nord., 1840, 596.

POLYCOTYLE Will.-Suhm, 1870, 9 (m. ornata); 1871, 183.—Brand., 1888a, 33, 34, 35, 37, 58, 61; 1890a, 562, 563, 564, 567, 584.—Braun, 1892a, 581, 698, 713, 715, 717, 718, 723, 732; 1893a, 879, 881, 886, 887, 890, 892, 895, 899, 900, 901, 917; 1895b, 121, 136.—Gamb., 1896, 73.—Mont., 1888a, 10, 12, 15, 54, 90, 91, 104; 1892, Oct. 7, 196, 197, 214 (Diplostominae).—Pratt, 1902, 890.—Schneidmuehl, 1896, 295 (Polycotyle).—Tasch., 1879, 256.—Wolf, 1903, 616, 617.

1896: Polykotyle Schneidmuehl, 1896, 295, for Polycotyle.

ornata Will.-Suhm, 1870, 9-11 (in Alligator lucius; Charleston); 1871, 183-185, pl. 11, fig. 1.—Brand., 1888a, 15, 58 (in All. luc.); 1890a, 584-585.—Braun, 1892a, 581, 733; 1893a, 901.—Pavesi, 1881, 294.—Poir., 1886, 339-345, pl. 18, fig. 7, pl. 19, fig. 1, 3, 5, 6, pl. 20, fig. 5 (in All. luc.).—Reported also for Alligator mississippiensis.

POLYCOTYLEA Dies., 1850a, 288 (tribe), 289, 408 (tribe III of Trematoda, subo. II), 416 (tribe I of Bdellidea, subo. III); 1858e, 314 (fam. of Trematoda cotylophora), 367.—Brand., 1888a, 15.—Braun, 1890a, 515.—Cerf., 1899a, 351.—Goldb., 1855a, 17, 18.—Mont., 1888a, 83, 84; 1903, 336 (section, contains: Polystomidae Ben., 1858; Octocotylidae Ben. & Hesse, 1863).—Tasch., 1879, 233, 234.

POLYCOTYLEÆ Dies., 1839a, 234.—Cobbold, 1877, 238.

POLYCOTYLIDÆ Cobbold, 1877f, 326.—Braun, 1893a, 886.—Mont., 1888a, 104.

POLYCOTYLINÆ Mont., 1892, Oct. 7, 214 (subf. of Holostomidae).—Braun, 1893a, 890, 892.

POLYKOTYLE Schneidmuehl, 1896, 295, for Polycotyle.

POLYORCHIS (Stoss., 1888) [nec Polyorchis Agassiz], renamed Pleorchis 1896, (type by absolute tautonymy polyorchis); 1892, 4; 1898, 30.—Braun, 1893a, 885, 886, 894, 909, 911; 1895b, 138; 1901b, 54.—Looss, 1894a, 174; 1896b, 59; 1902m, 846.—Mont., 1893, 148, 149, 150, 151, 154.—Ofenheim, 1900, 160.—Rail., 1896, 160 (=Pleorchis).—Sons., 1890, 134, 135.—Stiles & Hass., 1898a, 92 (syn. of Pleorchis).

formosum (Sons., 1890) Stoss., 1892, 143 (in Grus cinerea; Pisa).

molle (Leidy, 1856) Mont., 1896, 166.

polyorchis (Stoss., 1889) Mont., 1896, 166.

(POLYORCHIS) Stoss., (1888), subg. of Dist., [type polyorchis].

cygnoides (Zed., 1800) Stoss, 1889, 60.

molle (Leidy, 1856) Stiles & Hass., 1894h, 162-163, fig. 2; 1895a, 737-741, pl. 3, figs. 1-3.

ragazzii Setti, 1897, 8 (type of Syncœlium Looss, 1899).

POLYSARCUS Looss, 1899b, 561 (tod. westermanni) [nec Polysarcus Fieb., 1853, orthopteron; Sauss., 1859, orthopteron; Lefèvre, 1876, coleopteron; Polysarca Schin, 1866, dipteron]; 1900, 605.—Braun, 1900h, 6; 1901e, 329 (=Paragonimus).—Luehe, 1900, 557.—Stiles, 1901, 189.—See Paragonimus.

westermanni (Leuck., 1889) Looss, 1899b, 561.

POLYSSICHIA Cosmovici, 1887 (contains Aspidogaster, Diplozoon, Diporpa, Gyrodactylus, Octobothrium, Polyst.).—Mont., 1888a, 84.

POLYSTOMA Zed., 1800a, xviii, 199-203 (nec Polyst. Steph. Col., 1835), includes *Linguatula serrata* Frölich, *Hexathyridium pinguicola* Treutler, 1793) (type was clearly intended to be *Planaria uncinulata* = *Polyst. ranæ*; name *Polyst.* was in MS. in 1788 based on this species, see Zed., 1803a, 223).—Andral, 1829d, 617.—Audouin, 1828b, 193.—Baer, 1826a, 126.—Ben., 1858a, 1861a, 11 (*Polystomum*).—Ben. & Hesse, 1864, 61.—E. Bl., 1847, 331.—R. Bl., 1888a, 312 (*Polystomes*).—Brand., 1891d, 9.—Braun, 1883a, 50; 1889k, 620, 621; 1890a, 413, 416, 424, 433, 435, 451, 454, 470, 479, 480, 481, 483, 487, 490, 491, 492, 493, 496, 498, 504, 511, 514, 515, 516, 517, 522, 523, 538, 546; 1890b, 125, 127, 128; 1890c, 597; 1891d, 421; 1892a, 753; 1893a, 890, 891.—Brem., 1824, 135.—Burm., 1837a, 530; 1856a, 251.—Carus, 1863, 478.—Cerf., 1899a, 348, 350, 351, 359, 371.—delle Chiaje, 1833, 13; 1835b, 76-90; 1837a, 5-19 (*Polistoma* in blood of man); 1837b, 245-246; 1843b, 51.—Cobbald, 1866, 7; 1877, 238; 1879b, 41.—Cosmovici, 1887a, 129.—Crep., 1839, 290.—Cuvier, 1817, 42.—Deslongchamps, 1824mm, 648-650; 1828d, 192-193.—Dies., 1839, 234; 1850a, 288, 409 (syn. of *Hexathyridium*), 412-413 (includes: *Plan. Braun*, *Linguatula* Frölich, *Fasc. Gmelin*, *Hexathyridium* Blainv.), 416 (of Delaroche, syn. of *Plagiopeltis*), 419 (of Kuhn, syn. of *Onchocotyle*), 420 (of delle Chiaje, syn. of *Solenocotyle*), 421 (of Duj., syn. of *Diclibothrium*), 609 (of Rud., pars syn. of *Pentast.*); 1858e, 314, 371-372 (only species *integerrimum*).—Duj., 1845a, 318.—Eichwald, 1829a, 249.—Eiss, 1838, 21.—Fischer, 1840, 159.—Gamb., 1896a, 57, 59, 73.—Goldb., 1855, 17.—Goldschmidt, 1902e, 874.—Goto, 1891a, 174, 183, 185, 187.—Hahn, 1900a, 174-175.—Haswell, 1892a, 458; 1892b, 149; 1893e, 112, 144.—Hémont, 1827, 9.—L'Herminier, 1826, 10.—Hoyle, 1890, 535-537, 539 (two species; best known *P. integerrimum*; *Hexathyridium* is probably a synonym).—Jackson, 1888, 644, 646, 647, 654.—Joy, 1835a, 504.—Juel, 1889, 33.—Kath., 1894a, 130, 148.—Lamarck, 1816b, 175-176.—Leuck., 1863a, 450, 527.—Looss, 1892a, 72, 73, 95; 1893b, 810.—Mayer, 1841a, 20.—Mlinarich, 1832, 14.—Mont., 1888a, 8, 9, 11, 13, 14, 29, 37, 38, 40, 42, 44, 53 (*Polystomum*), 54, 56, 57, 58, 59, 60, 63, 64, 66, 67, 70, 83, 84, 86, 89, 100; 1892, 109; 1892, Oct. 7, 186, 213 (gen. of *Polystominae*); 1893, 110; 1903, 336 (subf. *Polystominae*).—Moul., 1856a, 10, 11.—Nord., 1832a, 60, 69; 1840, 544, 592, 593, 596-597.—Olfers, 1816, 22, 41.—Pag., 1857, 52.—Pintner, 1891, 727.—Pratt, 1900, 645, 646, 647, 650, 656, 659, fig. 23.—Rafinesque, 1815, 151 (syn. of *Hexathyridia*).—Rud., 1809a, 6, 22-23, 38, 441, pl. 6, figs. 1-6; 1819a, 125, 435-436, 584.—St.-Remy, 1898, 558.—Schneider, 1866, 334.—Slawikowski, 1819, 70.—Stoss., 1898a, 10, 11.—Tasch., 1879, 43, 50, 58, 62, 64, 69; 1879, 232, 233, 251-252 (syns.: *Hexathyridium* Blainv., *Planaria* Braun, *Linguatula* Frölich, *Fasc. Gmelin*).—Wagener, 1857, 50, 72.—Wallenstedt, 1847, 7.—Zeller, 1876, 23 June, 238-274, pls. 17-18.

—: *Polystomum*.

1837: *Polistoma delle Chiaje*, 1837a, 5-19, for *Polystoma*.

1888: *Polystomum* Mont., 1888a, 53, misprint.

— of Kuhn, 1829c; 1830a; 1830b, 185-187 (in *Squalus catulus*).—Tasch., 1879, 252 (syn. of *Onchocotyle* Dies.)

— of Duj., 1845a, 319.—Tasch., 1879, 254 (syn. of *Diplobothrium* Leuck.).

— Delaroche, 1811, 271-272 [n. g. ?] (type species *thynni*).—Audouin, 1828b, 193 (?syn. of *Polyst. duplicatum*).—Blainv., 1824a, 514 ("M. de Lamarck a adopté ce genre de Delaroche; il est établi sur un animal de la famille des sangsues, suivant nous"), 515.—Rafinesque, 1815, 151 (renamed *Hexost.*).—Tasch., 1879, 249 (syn. of *Hexacotyle* Blainv.).—See *Polyst. thynni*, p. 353.

appendiculatum Kuhn, (1829c), 460-463, pl. 11, figs. 1-3 (t. h. *Squalus catulus*); (1829), 342.—Ben., 1858a, 1861a, 54, 55 (to *Onchocotyle*), 191, 192.—Bl., 1847, 336 (of Nord.).—Cerf., 1899a, 349, 350, 351, 352-356, 359, 373, 375, 378 (in *Mustelus laevis*, *M. vulgaris*, *Scyllium catulus*), 434.—Cobbald, 1872b, 90; 1879b, 41.—Crep., 1838, 84; 1839, 290.—Dies., 1850a, 419 (to *Onchocotyle* as type); 1858e, 371 (to *Onchocotyle*).—Duj., 1845a, 321.—Goto, 1894a, 222 (Japan).—Nord., 1832a, 80-82, pl. 5, figs. 6-7 (in *Squalus catulus*); 1840, 601 (to *Hexabothrium*).—Scott, A., 1901, 344 (to *Onchocotyle*).—Tasch., 1879, 27, 28 (to *Onchocotyle*); 1879, 253.—Thaer, 1850, 602-630, pl. 20-22, figs. 1-45; 1851, 34 pp., pls. 1-3.

armatum (Leuck., 1835) Duj., 1845a, 319 (to *Polyst. (Hexacotyle)*).—E. Bl., 1847, 335.—Dies., 1850a, 421 (to *Diclibothrium*).—Tasch., 1879, 254 (to *Diplobothrium*).—Type of *Diclibothrium* 1835.

borealis (Ben., 1853) Wagener, 1857, 72.—Cerf., 1899a, 359, 377.—Dies., 1858e, 371 (to *Onchocotyle*).—St.-Remy, 1890, 41.

POLYSTOMA—Continued.

- coronatum* Leidy, 1888, 127 (in terrapin; eastern U. S. A.); 1904a, 213.—Braun, 1890a, 511, 538, 548, 552 (in *Cistudo carolina*).—Pratt, 1900, 659.
- denticulatum* (Rud., 1805) Rud., 1808a, 180; 1809a, 447–449, pl. 12, fig. 7 (to Polyst. (Pentast.)) (in *Capra americana*, *C. hircus*).—R. Bl., 1890a, 264.—Dies., 1850a, 615 (to Pentast.).—Olfers, 1816, 42.
- uplicatum* Rud., 1819a, 125, 438–439, pl. 2, fig. 6 (*P. thynni* Delaroche, 1811, renamed) (in *Scomber thynnus*; Balearic Isles).—Audouin, 1828, 193.—Crep., 1839, 290.—Deslongchamps, 1828d, 193.—Dies., 1850a, 417 (to *Plagiopeltis* as type) in *Thynnus brachypterus*.—Duj., 1845a, 318–319 to Polyst. (Hexacotyle).—Kroyer, 1838–40a, 251, 596 (in *Thynnus vulgaris* Cuv.).—Nord., 1832a, 62; 1840, 598 (syn. of *P. thynni*).—Tasch., 1879, 250 (syn. of Hexacotyle thynni).
- hassalli* Goto, 1895, 352 (in *Kinosternon pennsylvanicum*; Maryland); 1899, 276–278, pl. 21, figs. 16, 17.—Pratt, 1900, 656, fig. 23; 657, 659.—St.-Remy, 1898, 558.
- integerrimum* (Frœlich, 1791) Rud., 1808a, xxv, pl. 6, figs. 1–6; 1809a, 451–455, pl. 6, figs. 1–6, to *P. (Hexastoma)* (includes: *Planaria uncinulata* Braun, 1792; *Linguatula integerrima*, 1791; *Fasc. uncinulata*, 1790, *Polystoma ranæ*, 1800; *Linguatula integerrimum*); 1819a, 125 (in *Rana temporaria*; *Gryphæ*, Jun.; *R. esculenta*, *Bufo variabilis*).—Baer, 1826a, 126; 1827a, 680–689, pl. 32, figs. 7–9.—Ben., 1858a, 1861a, 54, 169, 171, 172, 196; 1870c, 140.—Ben. & Hesse, 1864, 84–87, 1 fig. (*integerrimum*).—Bettend., 1897a, 4; 1897, 308.—E. Bl., 1847, 331–334, pl. 14, fig. 3.—Braun, 1883a, 41, 44, 48, 49, 51, 56, 71, fig. 10; 1889k, 621; 1890a, 407, 408, 410, 415, 419, 421, 424, 426, 428, 430, 433, 436, 439, 442, 445, 449, 453, 454, 455, 456, 458, 461, 464, 465, 468, 471, 472, 475, 480, 482, 483, 487, 490, 491, 492, 493, 494, 495, 497, 499, 500, 501, 503, 511, 512, 538, 548, 552; 1890d, 568; 1890e, 596; 1891a, 52, 53, 54; 1892a, 753; 1894a, 1160; 1895b, 125, 130, fig. 42; 1906, 131, fig. 66 (in frog).—Bremser, 1824c, pl. 10, fig. 26.—Civinini, 1842.—Cobbold, 1858, 162; 1879b, 452.—Crep., 1837, 322; 1839, 290.—Deslongchamps, 1828a, 193.—Dies., 1850a, 412–413 (syns.: *Plan. uncinulata* Braun, *Linguatula integ.*, *Fasc. uncinata* Gmelin, *Polyst. ranæ* Zed., *Hexathyridium integ.* Blainv.); 1858e, 372 (only species) (in *Rana platyrhinus*).—Duj., 1845a, 320.—Eichwald, 1829a, 249.—Fraip., 1880a, 400; 1880c, 433; 1883a, 36.—Gamb., 1896a, 55, 58–59, figs. 24, 26.—Goldschmidt, 1902a, 397–444, pls. 22–24, figs. 1–40 (embryology); 1902b, July, 398–399; 1902c, 180–189, figs. 1–11 (development); 1902d, 736; 1902e, 874; 1905, July, 64–65.—Goto, 1891a, 184.—Halpin, 1901a, 291–363, pls. 10–14 (embryology); 1902a, 395–398; 1904a, 444.—Hoyle, 1890, 537–539, fig. 3 B.—Ijima, 1884c, 635–639.—Jackson, 1888, 643, 644, 645, 646, 648–649, 650 (in *Rana temporaria*, *R. esculenta*, *Bufo viridis*).—Janicki, 1903a, 241 ff.—Juel, 1889, 14.—Kath., 1894a, 132, 141, 142, 146, 152.—Kerbert, 1881a, 535, 554, 556, 572.—Kholodk., 1899a, 148, fig. 175.—Knoch, 1862, 101.—Kowal., 1895, 372–390, pl. 8, figs. 11–13; 1896d (2), 252 (in *Rana fusca*; *Dublany*); 1904, (9), 24 (in *Rana temporaria*; *Dublany*).—Lejtenyi, 1881a, 3.—Leuck., 1879, 26, 52; 1886d, 19, 40.—Linst., 1903, 279.—Looss, 1885b, 17, 18, 19, 21, 24.—Macé, 1882a, 26, 29, 78.—Mayer, 1841a, 26, 34.—Mont., 1888a, 10, 18, 39, 44, 58, 59, 70; 1892, Oct. 7, 186; 1893, 110, 111.—Mueh., 1898, 11, 17–18.—Nord., 1832a, 62, 79; 1840, 546, 601.—Olfers, 1816, 42.—Pag., 1857, 47–49, pl. 6, figs. 10–13 (in braunen Frösche).—Par., 1894, 471.—Pégot, 1900, 162–164.—Pintner, 1891, 727, 728.—Polonio —.—Sieb., 1835, 70.—Sons., 1893, 187 (in *Bufo viridis* Laur.).—Stieda, 1870, 675; 1871, Jan., 660–678, pl. 15, figs. 1–12.—Stoss., 1889, 29; 1898, 10–11.—Tasch., 1879, 33, 35, 43, 55, 56, 58, 60, 61; 1879, 252 (in *Rana temporaria*, *R. esculenta*, *Bufo viridis*).—Walter, 1866, 65.—Will.-Suhm, 1871, 181–185; 1872, 22 March, 29–39, pl.—Zeller, 1872, v. 22 (1), 1–24, pls. 1–2; 1872, 25–28, pl. 3, figs. 1–12; 1872, Sept., 99–112; 1873, 51–55.—Woodland, 1904, 404–405, 1 fig.—Reported also for *Rana fusca*, *Hyla viridis*.
- integerrimum* Ben. & Hesse, 1864, 84–87, 1 fig. (see *integerrimum*).—Pégot, 1900, 162–164.
- lolinis* delle Chiaje, 1823, pl. 92, fig. 2 (in *Loligo vulgaris*; Naples).—Ben. & Hesse, 1864, 84.—Braun, 1890a, 518.—Dies., 1850a, 420 (syn. of *Solenocotyle chiajei*, type of *Solen*).—Mont., 1888a, 89.—Tasch., 1879, 250.
- midas* Kuhl & van Hasselt, (1824).—Baird, 1853a, 41 (= *P. ocellatum* Rud.).—Nord., 1840, 600.

POLYSTOMA—Continued.

mydæ Kuhl & van Hasselt, (1822), 113; 1824a, 310.—Crep., 1846, 146.—Dies., 1850a, 413 (syn. of *P. ocellatum* Rud.).—Tasch., 1879, 252 (syn. of *P. ocellatum*).—Reported for *Chelonia mydas*.

oblongnum Mont., 1888a, 57 (for *oblongum*).

oblongum R. Wright, 1879, 12–15, pl. 1, figs. 9–11 (in *Aromochelys* (*Sternothærus*) *odoratus*; Toronto).—Braun, 1890a, 511, 538, 548, 552.—Goto, 1899, 277, pl. 21, fig. 18.—Leidy, 1888, 127.—Mont., 1888a, 57 (*oblongnum*).—Pratt, 1900, 659.—Staff., 1900, 405, 414; 1902, 483 (in *Chelydra serpentina*); 1905, Apr. 11, 690 (in *Chrysemys picta*; *Chel. serp.*; Canada).—Reported for *Sternothærus odoratus*.

ocellatum Rud., 1819a, 125, 436–437 (in *Testudo orbicularis*; Arimini).—Ben. & Hesse, 1864, 84.—Blainv., 1828, 571, to *Hexacotyla*.—E. Bl., 1847, 335–336.—Braun, 1890a, 418, 434, 439, 440, 452, 453, 465, 472, 477, 494, 506, 511, 538, 548, 552; 1891a, 52, 54; 1891d, 421; 1892a, 637; 1893b, 179, 185 (in *Emys europæa*).—Crep., 1838, 84; 1839, 290.—Deslongchamps, 1828d, 193.—Dies., 1850a, 413 (syns. *P. mydæ*, *Hexacotyle oc.*).—Duj., 1845a, 319–320.—Gamb., 1896, 59.—Giebel, 1857, 266.—Goto, 1891a, 183.—Ijima, 1884c, 636, 638.—Jackson, 1888, 649, 650.—Leidy, 1888, 127.—Looss, 1885b, 21, 22, 24, pl. 23, fig. 19.—Macé, 1882a, 26.—Mont., 1888a, 18, 58; 1892, Oct. 7, 186; 1893, 110, 111.—Nord., 1840, 600 (syn. of *Hexacotyle oc.*).—Par., 1894.—Sons., 1889, 283 (*Polistomum*); 1893, 183 (in *Emys lutaria*).—Stoss., 1890, 51.—(Tasch., 1879, 252 (syns. *P. mydæ*, *Hexacotyle oc.*) (in *Emys europæa*, *Halichelys atra*).—Reported also for *Cistudo europæa*.

pinguicola (Treutler, 1793) Zed., 1800a, 203 [type of *Hexathyridium* 1793].—Boele, 1828a, 33.—Bremser, 1819a, 233, pl. 4, figs. 15–17; 1824, 135, 272–280, pl. 9, fig. 2.—delle Chiaje, 1833, 13–14, 117–118, pl. 2, fig. 14.—Cobbold, 1866, 7; 1876, 211.—Crep., 1839, 290.—Deslongchamps, 1828d, 193.—Dies., 1850a, 410 (to *Hexathyridium*).—Duj., 1845a, 319.—Dunglison, 1893, 821, 900.—Eichwald, 1829a, 249.—Eiss, 1838, 21.—Hémont, 1827, 17.—L'Herminier, 1826, 14.—Joy, 1835a, 504, 519.—Kuech., 1855, 464.—Lundborg, 1817, 8.—Mlinarich, 1832, 14.—Nord., 1840, 594 (to *Linguatula*), 601.—Olfers, 1816, 42.—Prunèyre, 1823, 7.—Puettner, 1837, 4.—Rud., 1809a, 455–456, to *P.* (*Hexast.*); 1819a, 125, 437–438.—Sjöbeck, 1830, 10.—Slawikowski, 1819, 23, 25, 70, 141.

pinguicolum Joy, 1835a, 505, for *pinguicola*.

proboscideum Rud., 1814a, 106–107 (*Echinorhynchus crotali* Humboldt, 1808, renamed), to *P.* (*Pentast.*).—Dies., 1850a, 612 (to *Pentast.*).—Leidy, 1852, 97.—Nord., 1840, 645 (syn. of *Porocephalus crotali*, type of *Poroc.*).—Olfers, 1816, 42. Now an arachnoid.

ranæ Zed., 1800a, xviii, 203, 204–205, pl. 4, figs. 1–3 (in *Rana temporaria*; bladder, Europe) (includes *Plan. uncinulata* Braun, 1790, from *Rana esculenta*; Europe); 1803a.—Dies., 1850a, 412 (syn. of *P. integerimum*).—Rud., 1809a, 451, 452 (= *P. integerimum*).—Stoss., 1898, 10.

sanguicola delle Chiaje, 1833, 14 (*venarum*, renamed), 118; 1834, —; 1837a, 5–19.—Cobbold, 1876, 211.—Dav., 1877a, 334.—Dies., 1850a, 410 (syn. of *Hexathyridium venarum*).—Dolley, 1894a, 1006.—Dunglison, 1893, 821, 900.—Marcacci, 1843a.

sanguineum delle Chiaje, 1837b, 245 (based on 1837a) (in *Homo*).—Crep., 1839, 290.—Eiss, 1838, 21.—Leuck., 1863a, 585.—Moniez, 1896, 108.—Sieb., 1839, 164.

scymni ainosi Dies., 1858e, 371 (to *Onchocotyle*) based on Wagener, v. 13, 72.—Cerf., 1899a, 360.

serratum (Frølich, 1889) Zed., 1800a, 203 [type of *Linguatula*, 1789]; 1803a, 230.—Blainv., 1824a, 514 (type of *tétragule*).—Dies., 1850a, 616 (to *Pentast.*).—Nord., 1840, 594 (to *Linguatula*).—Olfers, 1816, 42.—Risso, 1826, 263.—Rud., 1809a, 449–451 to *P.* (*Pentast.*); 1819a, 124 (= *Pentast. serratum*).—Reported for *Lepus timidus*.

tænioidea Nord., 1840, 595, for *tænioides*.

tænioidea Rud., 1809a, 441–447, pl. 12, figs. 8–12 (*Tænia rhinaria* Pilger, 1802, renamed), to *P.* (*Pentast.*) (in *Equus cab.*, *Canis fam.*; France); 1810a, 256; 1814a, 107.—Anacker, 1890m, 506.—Blainv., 1824a, 513 (type of “*prionoderme*”).—R. Bl., —, 261.—Braun, 1903, 3. ed., 337 (syn. of *Linguatula rhinaria*).—Dies., 1850a, 610 (to *Pentast.*).—Nord., 1840, 595 (*tænioidea*, to *Linguatula*).—Olfers, 1816, 42.

POLYSTOMA—Continued.

thynni Delaroche, 1811, 271–272, pl. 2, fig. 3 (in *Scomber thynnus*; Maroque).—Blainv., 1828a, 571 (type of *Hexacotyla*).—E. Bl., 1847, 335.—Crep., 1838, 84.—Dies., 1850a, 417 (syn. of *Plagiopeltis duplicata*, type of Pl.).—Lamarck, 1816b, 176.—Nord., 1832a, 62; 1840, 597–598 (syns.: *Hexacotyle thynni*, *P. duplicatum*), 600.—Risso, 1826, 263.—Tasch., 1879, 250 (syn. of *Hexacotyle thynni*).

uncinatum Macé, (1880a).—Braun, 1890a, 511, 538, 548, 552.—Stoss., 1898, 10 (in *Rana temporaria*; France).

uncinulatum Macé.—Braun, 1890a, 418, for *uncinatum*.

venarum (Treutler, 1793) Zed., 1803a, 231.—delle Chiaje, (1834a) 1833, 14–15, 118–119, pl. 2, fig. 15.—Cobbold, 1866, 7.—Crep., 1839, 290.—Dies., 1850a, 410.—Dunglison, 1893, 821, 900.—Hémont, 1827, 16.—Moniez, 1896, 108.—Olfers, 1816, 42.—Rud., 1809a, 456–457; 1819a, 136.—Slawikowski, 1819, 24, 70.—Reported for *Homo*.

POLYSTOMA (HEXACOTYLE) Duj., 1845a, 318–319.

armatum (Leuck., 1835) Duj., 1845a, 319.—Type of *Diclibothrium*, 1835.

duplicatum (Rud., 1819) Duj., 1845a, 318–319 (to *Plagiopeltis* as type by Dies., 1850a, 417).

POLYSTOMA (HEXAST.).

integerrimum (Frœlich, 1791) Rud., 1809a, 451–455.

pinguicola (Treutler, 1793) Rud., 1809a, 455–456.

POLYSTOMA (PENTASTOMA).

denticulatum (Rud., 1805) Rud., 1809a, 447–449, pl. 13, fig. 7 (to *Pentast.* by Rud., 1819a, 124, 423).

proboscideum Rud., 1814a, 106–107 (type of *Porocephalus*; *Echinorhynchus crotali* Humboldt, 1808, renamed) (to *Pentast.* by Rud., 1819a, 124).

serratum (Frœlich, 1789) Rud., 1809a, 449–451 (to *Pentast.* by Rud., 1819a, 124).

tænioides Rud., 1809a, 441–447, pl. 11, figs. 8–12 (in *Canis familiaris*; France) (*Tænia rhinaria* Pilger, 1802, renamed) (to *Pentast.* by Rud., 1819a, 123).

POLYSTOMATA Zed., 1800a, 203, plural of *Polystoma*.

POLYSTOMATIDÆ Gamb., 1896a, 53, 55, 73.—Scott, 1901, 141, 145.

POLYSTOMATINÆ Gamb., 1896a, 73.

POLYSTOMEA Ben.—Braun, 1890a, 516.—Olss., 1893, 4.

POLYSTOMEÆ Leuck.—Braun, 1883a, 40, 58; 1890a, 516, 517, 523, 524, 532; 1890b, 127.—Cerf., 1894, 948; 1895e, 523 (of *Tasch.*); 1895h, 914, 919; 1896, 500, 509, 515; 1898b, 361; 1899a, 365, 452 (of *Tasch.*).—Haswell, 1892a, 457.—Hoyle, 1890, 539 (includes *Octobothriidæ*, *Polystomidæ*, *Microcotylidæ*, *Gyrodactylidæ*).—Jackson, 1888, 642, 644, 646, 654 (includes same as Hoyle).—MacLaren, 1904, 598.—Mont., 1888a, 7, 10, 11, 13, 15, 16, 18, 20, 26, 27, 28, 31, 32, 34, 36, 37, 38, 41, 47, 48, 50, 53, 54, 56, 66, 67, 70, 84, 86, 87, 88, 90, 96, 98, 107, 108; 1888a, 16, 34, 42 (*Polistomeæ*); 1891, 108.—Par.,—. Par. & Perugia, 1890, 6; 1890, 225–242; 1891, Mar. 7, 319.—Schneidemuehl, 1896, 296.—Sons., 1890, 175.—*Tasch.*, 1879, 33, 56, 57, 68; 1879, 234, 235, 236–237, 238.

1888: *Polistomeæ* Mont., 1888a, 16, for *Polystomeæ*.

POLYSTOMES R. Bl., 1888a, 312, French word, see *Polystoma*.

POLYSTOMIDÆ Cunningham, 1884a, June 12, 399.—Hoyle, 1890, 539 (includes *Polyst.*, *Onchocotyle*, *Ercpocotyle*, *Diplobothrium*).—Jackson, 1888, 654 (includes *Polyst.*, *Onchocotyle*).—Pratt, 1900, 646 (of *Tasch.*) (includes *Polystominæ*, *Octocotylinæ*, *Microcotylinæ*).—Scott, T., 1901, 141.

POLYSTOMIDÆ Braun, 1890a, 511, 516, 517, 523, 533, 538; 1893a, 890.—Carus, 1863, 477.—Cobbold, 1879b, 4.—Cunningham, 1884, 399; 1887a, 279.—Leuck., 1886d, 117.—Mont., 1888a, 8, 11, 13, 15, 16, 18, 20, 30, 34, 37, 52, 66, 70, 86, 89, 91, 100, 108; 1888a, 16, 88 (*Polistomidæ*), 89 (*Polystomidaes*); 1892, Oct. 7, 198, 213 (f. of *Eterocotylea*, containing subf. *Polystominæ* Ben., *Octocotylinæ* Ben. & Hesse, *Microcotylinæ* *Tasch.*); 1903, 336 of Ben. & Hesse, 1858 (subf. *Polystominæ* (g. *Polystomum*)).—Par. & Per., 1889, 742; 1890, 7.—Poir., 1886, 345.—St.-Remy, 1898, 522, 523, 544.—Schneidemuehl, 1896, 296.—Stoss., 1898, 10.—*Tasch.*, 1879, 69; 1879, 235, 237, 251.

1888: *Polistomidæ* Mont., 1888a, 16, 88, for *Polystomidæ*.

1888: *Polystomidaes* Mont., 1888a, 89, typographical error.

8588—No. 37—08—23

POLYSTOMIDEA Mont., 1888a, 84.

POLYSTOMIDES Mont., 1888a, 86.—Tasch., 1879, 235.—R. Bl., 1888a, 541 (embraced in subo. Polystomiens).

POLYSTOMIENS [French] R. Bl., 1888a, 541 (suborder, includes: Tristomidés, Polystomidés, Gyrodactylidés).

POLYSTOMINÆ Pratt, 1900, 646, 650 (of Ben.) (includes Polyst., Erpocotyle, Onchocotyle, Diplobothrium, Sphyrnura).

POLYSTOMINÆ Ben.—Braun, 1893a, 890.—Mont., 1892, Oct. 7, 213 (subf. of Polystomidæ); 1903, 336 (new subf. of Polystomidæ).—St.-Remy, 1898, 558.

POLYSTOMIS Crep., 1838, dative of Polyst.

POLYSTOMNM Mont., 1888a, 53, misprint for Polystomum.

PROBOLITREMA Looss, 1902m, 855, 857 (in subf. Anaporrhutinae), 858, 859, 860, 863 (diagnosis), fig. 6 (tod. ricchiardii).

capense Looss, 1902m, 855, 857, 863, "Anaporrhutum ricchiardii Lopez" of Ofenh., renamed.

ricchiardii (Lopez, 1888) Looss, 1902m, 855, 857, 863 (*ricchiardii*, misprint for *ricchiardii*).

PROGONUS Looss, 1899b, 643 (tod. mülleri) (*ὁ πρόγονος*=ancestor) [not Progona Berg, 1882, insect]; 1900, 602, 603; 1901, 208; 1902m, 732 (renamed Genarches).—Fuhrmann, 1904, 61.—Luehe, 1901, 481, 486.—Pratt, 1902, 889, 905.—Stiles, 1901, 189.

mülleri (Levin., 1881) Looss, 1899b, 643; 1902m, 732, type of Genarches, 1902.—Luehe, 1901, 481.

PRONOCEPHACUS Braun, 1901b, 50, lapsus for Pronocephalus.

PRONOCEPHALIDÆ Looss, 1902m, 527, 580–617, 843 (includes: Charaxicephalus Looss, type robustus; Pyelosomum Looss, type cochlear; Cricicephalus Looss, type albus; Epibathra Looss, type crassa; Adenogaster Looss, type serialis; Pronocephalus Looss, type obliquus; Glyphicephalus Looss, type solidus; Pleurogonius Looss, type longiusculus), 611–612 (key to genera), 611 diagnosis.

PRONOCEPHALINÆ Looss, 1899b, 665, 668; 1902m, 841.—Braun, 1901b, 50, 53.—Pratt, 1902, 890, 909 (includes: Pronocephalus, Pleurogonius, Glyphicephalus, Adenogaster, Cricicephalus, Pyelosomum; related genus: Charaxicephalus).

PRONOCEPHALUS Looss, 1899b, 551, 666 (*ὁ πῶν*=Vorsprung) (tod. "trigonocephalus Rud." [=obliquus, 1901]); 1901, 209; 1901, 567, 620; 1902m, 455, 531, 546, 551, 552, 570, 576, 583, 586, 594, 595, 596, 598, 599, 600, 603, 604, 609, 612, 615–616.—Braun, 1901b, 41.—Pratt, 1902, 890, 909.

1901: Pronocephalus Braun, 1901b, 50, misprint.

obliquus Looss, 1901, 30. Okt., 566–567 ("trigonocephalus (Rud.)" of Looss, 1899b, 666, 756, figs. 84–86); 1902m, 527–532, pl. 25, figs. 55–56; pl. 26, fig. 70; pl. 32, fig. 175; 616 (includes "Monost. trigonocephalum" of Braun, 1901, 40).

"*trigonocephalus* (Rud., 1809)" Looss, 1899b, 666, 756–759, 760, 761, 762, figs. 84, 85, 86; 1901, 566 (renamed obliquus); 1902m, 527 (syn. of P. obliquus), 549 (of Rudolphi to Pleurogonius), see Looss, 1901, 567.—Braun, 1901b, 38, 40.—Shipley, 1900, 533 (Rud.).

PRONOPHARYNX Cohn, 1904, 239–240 (tod. nematoides).

nematoides Cohn, 1904, 238–240, fig. 5 (in *Aquila albicilla*; Coll. Creplin).

PRONOPYGE Looss, 1899b, 641–642 (*ὁ πῶν*=Vorsprung; *ἡ πύγη*=der Hintere) (tod. ocreata); 1902m, 839.—Luehe, 1901, 481, 485.—Pratt, 1902, 889, 906.

ocreata (Rud., 1802) Looss, 1899b, 641–642.—Luehe, 1901, 400, 481.—See Dist. carolinæ.

PROSORHYNCHUS Odhn., 1905, 296, 297–305 (tod. squamatus).

aculeatus Odhn., 1905, 297, 302, 305 (syns. *Gasterost. crucibulum* Ben., 1870; *G. armatum* Olss., 1876) (in *Conger vulgaris*; Mediterranean, Belgium, Sweden).

crucibulum (Rud., 1819) Odhn., 1905, 297, 305 (syns. *Monost. crucibulum* Rud.=*Gasterost. armatum* Mol.=*G. crucibulum* Olss.) (in *Conger* sp.; Mittelmeer, Sweden).

PROSORHYNCHUS—Continued.

squamatus Odhn., 1905, 297–304, 305, pl. 2, figs. 1–5 (syn. *Gasterost. armatum* Mol. of Levensen) (in int. of *Cottus scorpius*; Belgium).—Nicoll, 1907, 70–71 (in *Cottus bubalis*, *Liparis montagui*).

PROSOSTOMATA Odhn., 1905, 305, suborder of Digenea to include all except the *Gasterostomata* (*Gasterostomum*, *Prosorhynchus*).

PROSOTOCUS Looss, 1899b, 616, 623 ($\pi\rho\acute{o}\sigma\omega$ =cephalad; \acute{o} $\tau\acute{o}\kappa\omicron\varsigma$ =das Gebären) (tod. confusus).—Pratt, 1902, 889, 902, 904.—Stiles, 1901, 197.

confusus (Looss, 1894) Looss, 1899b, 616.—Ssinitzin, 1905, 144–145; 1906, 687 (in *Aeschna*, *Cordulia*, and a beetle larva; Warschau).—Staff., 1905, Apr. 11, 684, 685.

tener (Looss, 1898) Looss, 1899b, 616.—Staff., 1905, Apr. 11, 684.

PROSTHOGOMINUS Jahresb. ü. d. Leist. a. d. Geb. d. Veterinär-Med., v. 21 (1901) 1902, 248 (misprint for *Prosthogonimus*).

PROSTHOGONIMUS Luehe, 1899k, 539 (tod. ovatus); 1900, 555; 1901, 487.—Braun, 1901f, 561; 1901i, 56; 1902b, 67, 68, 69, 80, 85, 96 (syn. *Prymnoprion* Looss).—Looss, 1900, 608; 1902m, 834, 835.—Pratt, 1902, 889, 901.—Stiles, 1901, 183, 185.

1899: *Prymnoprion* Looss, 1899b, 628 (tod. ovatum).

1902: *Prosthogominus* Jahresb. ü. d. Leist. a. d. Geb. d. Vet.-Med., v. 21 (1901), 1902, 248, misprint.

1903: *Prostogonimus* Markow, 1903, 287–294, 295–297, figs. 1–7; 1903b, Aug. 14, 538; 1905b, July, 54.

anatinus Markow, 1902, 1903a, 287–298 (*Prostogonimus*), pl. 1, figs. 1–7 (in *Anas boschas* dom.); 1903b, 538.

cuneatus (Rud., 1809) Braun, 1901, 15–16, 17, fig. 2; 1901, 258–259; 1902b, 75–79, 80, 81, 82, figs. 44–45 (syns. *Fasc. ovata* Rud. (part), *Dist. ovatum* Rud. of Wedl, 1858; of Linst., 1878; of Auct.; *D. cuneatum* Rud.; *Prymnoprion anceps* of Looss, in *Machetes pugnax*; *P. ovatus* of Looss in *Passer domesticus*).—Wolffhüegel, 1906, 21 Nov., 21–25 (in hen's egg).—Reported for *Cygnus musicus*, *Corvus cornix*, *C. corone*, *Anas clangula*, *Fulica atra*, *Fringilla coelebs*, *Grus cinerea*, *Otis tarda*, *Pavo cristatus*.

japonicus Braun, 1901, 17, fig. 3 (in hen's egg; Yedo, Japan); 1901, 258; 1902b, 81, fig. 46.

ovatus (Rud., 1803) [Luehe, 1899k, 539] Braun, 1901, 13–15, 17, fig. 1; 1901, 258; 1902b, 17, 69, 75, 76, 77, 78, 81, 83, 84, fig. 43 (syns. *Dist. ovatus* Rud.; *Fasc. ov. Rud.*).—Kowal., 1902d, [8] 26.—Markow, 1902, 292, 297 (*Prostogonimus*).—Reported for *Larus canus*, *Anas glacialis*, *Pica caudata*, *Corvus cornix*, *Sturnus vulgaris*.—T. h. *Corvus frugilegus*.

pellucidus (Linst., 1873) [Luehe, 1899k] Braun, 1901, 16–17, 18; 1901, 258–259; 1902b, 79, 80, 81, 82, fig. 45a (in *Numenius arquatus*, *Gallus domesticus*).

rarus Braun, 1901, 17–19, fig. 4 (in *Fulica atra*, Coll. Berlin; *Anas boschas*); 1901, 258, 259 (in *Anas clypeata*); 1902b, 22, 83, 84, 85, figs. 47, 48 (labelled *Dist. ovatum* in Berlin Coll. nos. 1615, 1423).

PROSTHOMETRA Looss, 1896b, 58–60 (felineus type by inclusion), no specific combinations made, but following species included: *Dist. geminum*, *simulans*, *amphileucum*, *complexum*, *choledochum*, *longissimum*, *crassiusculum*, *xanthosomum*, *felineum*; 1901, 194.—Stiles, 1901, 183, 185.

PROSTOGONIMUS Markow, 1903, 287, for *Prosthogonimus*.

PROTENTERON Staff., 1904, May 3, 494 (m. diaphanum) ($\pi\rho\acute{\omega}\tau\omicron\varsigma$ =first; $\varepsilon\nu\tau\epsilon\rho\omicron\nu$ =intestine).

diaphanum Staff., 1904, May 3, 494 (t. h. *Ambloplites rupestris*; Canada).

PRYMNOPRION Looss, 1899b, 628–629 ($\pi\rho\nu\mu\nu\acute{o}\varsigma$ =the undermost part; \acute{o} $\pi\rho\iota\omega\nu$ =the saw) (tod. ovatus); 1900, 608; 1902m, 839.—Braun, 1901i, 56; 1902b, 67, 68 (syn. of *Prosthogonimus*).—Ofenheim, 1900, 182.

anceps Looss, 1899b, 629, 722–723, fig. 41 (in *Machetes pugnax*; Apr., Marg, Egypt).—Braun, 1901, 13, 16; 1902b, 68, 69, 78 (Looss from *M. pug.*; syn. of *Prosthogonimus cuneatus*).

ovatus (Rud., 1803) Looss, 1899b, 629, 720–722, 723, figs. 39–40 (in *Passer domesticus*; Alexandria and Cairo).—Braun, 1901, 16; 1902b, 73, 78 (Looss, from *P. dom.*; syn. of *Prosthogonimus cuneatus*).

pellucidus (Linst., 1873) Looss, 1899b, 629, 723.

- PSEUDAXINE Par. & Perugia, 1890, 11-12, 19 (m. trachuri) (Microcotylidæ).—Braun, 1890a, 523, 540, 542, 546; 1893a, 890.—Gamb., 1896a, 73.—Mont., 1903, 336 (subf. Axininæ).—Pratt, 1900, 646, 653 (key), 657, fig. 41.
- 1879: Peudocotyle Tasch., 1879, 65, misprint.
- trachuri* Par. & Perugia, 1890, 11-12, pl. 14, figs. 10-13 (in Caranx trachurus; Genoa).—Braun, 1890a, 542, 549, 550 (in C. tr.; Mittelmeer, Genua).—Par., 1894, 595.—Pratt, 1900, 657, fig. 41.
- PSEUDOCOTYLE Tasch., 1879, 49, misprint for Pseudocotyle.
- PSEUDOCOTYLE Ben. & Hesse, 1865a, 4th appendix, 11-18 (m. squatinæ), Tristomidæ.—Ben., 1868, 28.—Brand., 1891d, 20.—Braun, 1890a, 411, 442, 451, 453, 455, 478, 482, 483, 484, 491, 492, 498, 511, 516, 517, 518, 523, 530; 1891d, 422; 1893a, 890; 1896b, 7.—Cerf., 1898b, 347, 356, 362.—Fraip., 1880c, 445; 1881b, 28.—Gamb., 1896a, 73.—Haswell, 1892b, 150; 1893e, 112, 114.—Hoyle, 1890, 539.—Ijima, 1884c, 638.—Jackson, 1888, 644, 646, 647, 653.—Kerbert, 1881a, 544, 572.—Mont., 1888a, 10, 13, 16, 20, 34, 37, 42, 43, 52, 53, 55, 56, 57, 58, 59, 60, 65, 66, 67, 88, 98; 1892, 108, 127, 128, 129; 1892, Oct. 7, 213 (gen. of Monocotylidæ); 1893, 118; 1905, 69, 70 (=Microbothrium Olss.); 1903, 336 (subf. Pseudocotylinae; f. Monocotylidæ).—Pratt, 1900, 646, 649 (key), 655, fig. 15.—St. Remy, 1891, 213, 214, 222.—Tasch., 1878, 176; 1878, 573; 1879, 65 (Peudocotyle), 49 (Pseudocodyle), 44, 49, 50, 54, 55, 58, 60, 62, 64, 65, 66, 68; 1879, 236 (syn. Microbothrium Olss.).
- 1879: Pseudocodyle Tasch., 1879, 49, misprint.
- 1879: Peudocotyle Tasch., 1879, 65, misprint.
- apiculatum* (Olss., 1868) Braun, 1890a, 530, 547, 550.—Mont., 1893, 206.—Staff., 1904, May 3, 482 (in Squalus acanthias; Canada).—Type of Microbothrium, 1869.—Reported also for Acanthias vulgaris.
- fragile* (Olss., 1868) Braun, 1890a, 530, 547, 551 (in Raja batis; Nordl. Eismeer).—Staff., 1904, May 3, 482 (syn. of Micropharynx parasitica Jægers., type of Mic).
- minor* Mont., 1888a, 16, 52, 60, 66 (in Scyllium); 1890, 191, fig. 4; 1891, 1892, 116, 127, 128; 1903, 70.—Braun, 1890a, 530, 547, 552 (in Sc. canicula; Mittelmeer, Naples).—Type of Leptocotyle 1905.
- squalinæ* Mont., 1892, 127, for squatinæ.
- squatinæ* Ben. & Hesse, 1865a, 4th appendix, 11-18, figs. 1-7 (in Squatina angelus; Ostende).—Ben., 1870, 13.—Brand., 1891d, 20.—Braun, 1889k, 622; 1890a, 420, 421, 424, 445, 449, 487, 530, 547, 552 (in Squat. ang.; North Sea, Mittelmeer, Naples); 1893b, 178.—Cerf., 1898b, 341.—Fraip., 1880c, 442.—Goto, 1891a, 162.—Ijima, 1884c, 638.—Juel, 1889, 36.—Kerbert, 1881a, 533.—Looss, 1885b, 5, 10.—Mont., 1888a, 7, 16, 19, 20, 23, 26, 32, 37, 39, 45, 52, 53, 66, 88; 1890, 420; 1892, 116, 127 (squalinæ), 128.—Par., 1894.—Pratt, 1900, 655, 657, fig. 15.—Tasch., 1878, 176; 1878, 573; 1879, 20; 1879, 48-55, 57, pl. 3, fig. 2 (in Squat. ang.).—Ziegler, 1883, 545.
- PSEUDOCOTYLINÆ Mont., 1903, 336 (f. Monocotylidæ); 1905, 69, 78.
- PSEUDODISCUS Sons., 1895, 8 (for hawkesi, collinsi, ornatum), also written as subg.; 1895, 184, 185, 186; 1896, 310.—Fischder., 1903h, 489.—Piana & Stazzi, 1900, 523.
- cobboldi* Montgomery, 1906, Feb. 12, 21 (in ponies; India).
- hawkesi* (Cobbold, 1875) Sons. [1895, 5], 1896, 310.—Piana & Stazzi, 1900, 519 [=Amphist. hawkesi].
- ornatum* (Cobbold, 1882) [Sons., 1895, 5].
- (PSEUDODISCUS) as subg. of Amphist.—Sons., 1895, 187.
- collinsi* Cobbold.—Sons., 1895, 9, fig. 2; 1895, 187, fig. 2.
- hawkesi* Cobbold of Sons., 1895, 9, fig. 1.
- hawkesi* Cobbold, Sons., 1895, 187, fig. 1.
- PSILOSTOMIDÆ Looss, 1900, 604.
- PSILOSTOMINÆ Looss, 1900, 604.—Pratt, 1902, 888, 896 (includes: Psilost., Crepidostomum, Rhytidodes, Allocreadium, Calycodes, Azygia, Helicometra, Cotylotretus; related genera: Ptychogonimus, Orchipedum).
- PSILOSTOMUM Looss, 1899b, 573-574, 578, 579 ($\psi\lambda\acute{o}\varsigma$ =kahl) (tod. platyurum); 1900, 603, 604.—Braun, 1900, 232; 1901a, 33; 1901i, 56; 1901, 944; 1902b, 11, 15, 18, 19, 26, 147, 148.—Luehe, 1900, 489.—Pratt, 1902, 888, 897.—Stiles, 1901, 189.

PSILOSTOMUM—Continued.

brevicollis (Crep., 1829) Braun, 1902b, 12–14, fig. 9 (syns.: Dist. *brevicollis* Crep., 1829, 24; Duj., 1845a, 445; Mueller, 1897, 19; D. (Dicrocoelium) *brevicollis* Stoss., 1892, 35).

oxyurum (Crep., 1825) Braun, 1902b, 14, fig. 10.

platyurum (Mueh., 1896) Looss, 1899b, 574.

redactum Nicoll, 1906, 515, 525–527, pl. 13, figs. 9–10 (in *Gasterosteus aculeatus*; Scotland); 1907, 70, 73 (syn. of *Podocotyle atomon*).

simillimum (Mueh., 1898) Looss, 1899b, 574.

spiculigerum (Mueh., 1898) Looss, 1899b, 574.—Braun, 1902b, 15, 16, 155.

PTACUNELLA Massa, 1906, 58, for Placunella.

PTEROCOTYLE Ben. & Hesse, 1863, 1864, 96, 106 (palmatum=*inhærens*, type by inclusion; also type because it is only species figured).—Braun, 1890a, 477, 498, 516, 517, 522, 546.—Cerf., 1895h, 918, 920; 1896, 514, 515, 516.—Mont., 1888a, 7, 11, 16, 36, 66, 86, 89, 99; 1903, 336 (syn. of *Dactycotyle*).—Scott, T., 1901, 149.—Tasch., 1879, 240.

morrhue Ben. & Hesse, 1863; 1864, 106–107 (in *Gadus morrhua*).—Braun, 1890a, 492.—Cerf., 1895h, 922; 1896, 517; 1898a, 302.—Scott, 1901, 149–150, pl. 8, figs. 25–26 (in *Gadus callarias*, G. merlangus); 1905, 118 (in Scott, 1901, pl. 8).—Tasch., 1879, 246 (syn. of *Octobothrium morrhue*).

palmata (Leuck., 1830) Ben. & Hesse, 1863, 1864, 107–108, pl. 11, figs. 1–13 (syns. *Octobothrium pal.* Leuck., *Octodactylus inhærens* Dalyell) (in *Gadus molva*).—Cerf., 1895h, 917 (syn. of *Octob. pal.*); 1896, 513.—Scott, 1901, 149, pl. 8, fig. 27 (in *Molva molva*); 1905, 118 (in Scott, 1901, pl. 8).—Tasch., 1879, 246 (to *Octob.*).

PTERONELLA Ben. & Hesse, 1863; 1864, 94–95 (m. *molvæ*), fam. Udonellidés.—Braun, 1890a, 410, 446, 511, 516, 517, 523, 531, 532; 1893a, 890.—Gamb., 1896a, 73.—Mont., 1888a, 10, 86, 88, 98; 1892, Oct. 7, 213 (gen. of Udonellinæ); 1903, 336 (subf. Udonellinæ).—Pratt, 1900, 646, 649 (key), 655, fig. 14.

molva Ben. & Hesse, 1863; 1864, 94–95, pl. 8, figs. 20–23 (in *Lota molva*).—Braun, 1890a, 409, 418, 532, 548, 550, 551 (in *Lota molva*; Atlantic Ocean).—Linst., 1889a.—Pratt, 1900, 655, 657, fig. 14.—Tasch., 1878, 573 (to Udonella).

PTYCHOGONIMUS Luehe, 1900, 489 (m. *megastomus*).—Looss, 1901, 206; 1902m, 829, 830.—Pratt, 1902, 888 (related to *Psilostominae*), 897, 900.

megastomus (Rud., 1819) Luehe, 1900, 489; 1901, 483.—Fischder., 1903h, 548.

PYCNOPORUS Looss, 1899b, 551, 610–611, 612, 618, 619 (*πυκνός*=firm, thick, strong, because of acetabulum) (tod. heteroporus); 1901, 199, 200.—Pratt, 1902, 889, 903.—Staff., 1903, 828.—Stiles, 1901, 197.

“*acetabularis* Looss, 1896,” for *acetabulatus* Looss, 1899, in Braun, 1900, 388.

acetabulatus Looss, 1899b, 611, 717–719, fig. 36 (in *Vesperugo kuhli*; Egypt); 1901, 205; 1907, Mar. 5, 481 (in *Vesp. k.*; Cairo, Egypt), 488.—Braun, 1900, 227, 228.

heteroporus (Duj., 1845a) Looss, 1899b, 611.—Braun, 1900, 227, 228.—Staff., 1905, Apr. 11, 692–693.

inversus Looss, 1907, Mar. 5, 486–487, figs. 6 a–b (in *Vesperugo kuhli*; Cairo, Egypt).

PYELOSOMUM Looss, 1899b, 667 (*ῥή πυέλος*=Trog, Wanne, Mulde) (m. cochlear); 1902m, 581, 582, 584, 586, 590, 593, 597, 600, 601, 602, 609, 611, 612, 613 (diagnosis), 614.—Braun, 1901b, 50.—Pratt, 1902, 890, 910.

cochlear Looss, 1899b, 667, 773–774, fig. 83 (in *Chelonia mydas*; Egyptian coast); 1902m, 416, 578–580, pl. 27, figs. 102–104; pl. 32, fig. 181; 593, 613.—Braun, 1901a, 53.

PYGIDIOPSIS Looss, 1907, 488 (m. *genata*), Heterophyiden.

genata Looss, 1907, Mar. 5, 488–490, figs. 7 a–c (in *Pelecanus onocrotalus*; Cairo, Egypt).

PYGORCHIS Looss, 1899b, 587 (m. *affixus*) (*ῥή πυγή*=der Steiss).—Braun, 1902b, 31, 37.—Ofenheim, 1900, 182.—Pratt, 1902, 888, 898.

affixus Looss, 1899b, 587, 596, 702–703, fig. 25 (in *Corvus cornix*; Marg, Galiub, Gizah, Cairo; *Falco tinnunculus*; Galiub; *Circus aeruginosus*; Nil, Adeleninsel; *Recurvirostra avocetta*).—Braun, 1901, 948; 1902b, 147.

- RAJONCHOCOTYLE** Cerf., 1899a, 347, 373, 420, 440, 445, 446, 455–456 (type *batis*, designated by Cerf. in correspondence with Stiles, Jan. 21, 1907).—Mont., 1903, 336 (subf. *Onchocotylinæ*).
- alba* Cerf., 1899a, 377, 381, 383, 407, 408, 413, 417, 420, 433, 437, 438, 444, 446, 450, 463–464, pl. 18, figs. 5, 6, 8, pl. 19, fig. 9, pl. 20, figs. 1, 2, 3, 6, 7, pl. 21, figs. 1, 4, 8, 11, 13, 14, 15 (in *Raja alba* Lacep.).
- batis* Cerf., 1899a, 376, 381, 383, 442, 451, 462–463, pl. 19, figs. 11, 12, pl. 21, fig. 12 (syn. *Onchocotyle appendiculata* Olss., 1867 and 1876) (in *Raja batis*).
- prenanti* (St.-Remy, 1890), Cerf., 1899a, 377, 381, 383, 447, 464, pl. 18, figs. 10, 11, pl. 19, fig. 10, pl. 20, fig. 4 (syns. *Onchocotyle appendiculata* Kuhn of Sons., *O. borealis* Ben. of Stoss., 1885, *O. prenanti* St.-Remy, 1890) (in *Raja oxyrhynchus*).
- REDIA** Fil., 1837a, 336–337 (m. *gracilis*); 1854a, 6.—R. Bl., 1888a, 542, 551, 553, 554, 555, 556, 557, 558, 559, 604, 645.—Braun, 1892a, 775; 1893a, 884.—Burm., 1856a, 245.—Dies., 1850a, 287, 301; 1855a, 379 (cf. *sporocerca*), 380, 383, 393; 1858d, 240 (cf. *sporotherium*).—Goldb., 1855a, 16.—Hoyle, 1890, 535.—Jackson, 1888, 644, 651, 652, 653.—Pag., 1857, 10.—Wagener, 1866, in 145–150, figs. 1–11.—Ward, 1903, 863, 865.
- gracilis* Fil., 1837a, 336–337, figs. 6–7 (in *Planorbis nitidus*; Italy); 1854a, —, pl. 1, fig. 4.—Dies., 1850a, 301; 1855a, 394 (syn. of *Diplocotyle mutabilis*).—Moul., 1856a, 95 (syn. of *Cerc. diesingii*), 106, 107 (syn. of *Cerc. amphistomi subclavati*).—Pag., 1857, 25.—Par., 1894, 165.
- RENICOLA** Cohn, 1904, 235 (tod. *pinguis*).
- pinguis* (Mehlis, 1846) Cohn, 1904, 232–235, figs. 2–3 (syn. *Monost. pingue* Mehlis, 1843; Braun, 1893a, 915, in *Podiceps cristatus*; Brand., 1892, 504–511).
- RENIFER** Pratt, 1902, 888, 899; 1903, 25 (tld. *ellipticus*).
- ellipticus* Pratt, 1903, 25–28, 29, 34, pl. 4, fig. 1 (in *Heterodon platyrhinus*; North America).—Staff., 1905, Apr. 11, 691.
- elongatus* Pratt, 1903, 25, 28–30, pl. 4, fig. 2 (in *Heterodon platyrhinus*; North America).—Seely, 1906, 253.—Staff., 1905, Apr. 11, 691 (thinks this a *Lechriorchis*).
- solitarius* (Looss, 1899) Pratt, 1903, 25.
- variabilis* (Leidy, 1856) Pratt, 1903, 25, 31–34, pl. 4, fig. 5.
- zschokkei* (Volz, 1899) Pratt, 1903, 25, 28.
- RENIFERINÆ** Pratt, 1902, 888 (contains *Styphlodora*, *Ochetosoma*, *Renifer*, *Oistosomum*, *Astiotrema*).
- RHIPIDOCOTYLE** Dies., 1858e, 313, 361–362 (type probably *gracilescens*).—Hausmann, 1897b, 34.—Mont., 1888, 92.—Odhn., 1905, 296.—Ziegler, 1883, 538.
- gracilescens* (Rud., 1819) Dies., 1858e, 361 (in *Lophius piscatorius*; Apr., Trieste; Mar., Pisa).—Linst., 1878a, 223 (includes *Monost. isabellinum* Ratzell).—Stoss., 1898, 61.—Tennent, 1906, 638.—Reported also for *Lota molva*, *Merlangus vulgaris*, *Gadus aeglefinus*, *G. melanostomus*.
- minima* (Wagener, 1852) Dies., 1858e, 361–362 (in *Trigla microlepidota*).—Linst., 1878a, 227.—Tennent, 1906, 638 (minimum).
- RHOPALIADÆ** Looss, 1899b, 543.
- RHOPALIADINÆ** Braun, 1901.—Looss, 1902m, 839.
- RHOPALIAS** Stiles & Hass., 1898a, 82, 93, 96 (= *Rhopalophorus* Dies., 1850a [not *Ropalophorus* Westwood, 1840, hymenopteron; not *Rhopalophorus* Agassiz, 1846, *Rhopalophora* Serv., 1834] renamed) (tod. *coronatus*).—Braun, 1900, 28; 1900d, 27–29; 1901e, 318, 320, 324, 326–329 (syn. *Rhopalophorus*); 1903, v. 2, 23.—Looss, 1899b, 542, 581.—Pratt, 1902, 888 (related to *Echinostominae*), 894.
- baculifer* Braun, 1900d, 28 (in *Didelphys palmata*; Brazil); 1901e, 325–326, pl. 19, fig. 1.
- coronatus* (Rud., 1819) Stiles & Hass., 1898a, 93.—Braun, 1900, 28, 29; 1901e, 320–323, 324, 326, 328, pls. 19, 20, figs. 2, 4, 11 (syns. *Dist. cor.* Rud., *Rhopalophorus cor.* Dies., *Echinost. cor.* Stoss.).—Reported for *Didelphys cancrivorus*, *D. nudicaudata*, *D. palmata*, *D. quica*, *D. virginiana*.
- horridus* (Dies., 1850a, 400) Stiles & Hass., 1898a, 93.—Braun, 1901e, 323, 325, pl. 19, fig. 3 (syns. *Dist. coronatum*; *Rhopalophorus horr.* Dies.).—Reported for *Didelphys nudicaudata*, *D. philander*.
- RHOPALOCERA** Fil., 1854a, 6 (for *Rhopalocerca*).—Burm., 1856a, 250.

- RHOPALOCERCA** Dies., 1850a, 286, 293 (m. tardigrada=Dist. duplicatum renamed); 1855a, 379, 384; 1858d, 270.—Burm., 1856a, 250 (Rhopalocera).—Fil., 1854a, 6 (Rhopalocera).—Goldb., 1855a, 15.—Moul., 1856a, 121, 123.
- tardigrada* Dies., 1850a, 293–294 (Dist. duplicatum Baer, 1827b, renamed); 1855a, 378, 380, 384 (in Anodonta ventricosa, A. anatina); 1858d, 241, 242, 271–272 (syns. Dist. dup. Baer, Cerc. dup. Moul.) (in Anodonta ventricosa; Regiomontii; A. anatina, A. cygnea).—Jacobson, —, 301, pl. 8, figs. 1–4 (syn. Dist. dup.).—Leidy, (1858) 1859, 110; 1877, 202.—Looss, 1894a, 63.—Pag., 1857, 6.—Ziegler, 1883, 540.
- RHOPALOPHORUS** Dies., 1850a, 288, 400 (not Ropalophorus Westwood, 1840; not Rhopalophorus Agassiz, 1846, for Ropalophorus, 1840; not Rhopalophora Serv., 1834) (tld. coronatus); 1855, 172; 1858e, 312, 357.—Braun, 1892a, 568, 569, 576, 595; 1893a, 879, 880, 886, 890, 893, 895, 908, 911, 918; 1900, 28; 1900h, 3; 1901e, 318, 319.—Carus, 1863, 479.—Gamb., 1896a, 73.—Goldb., 1855a, 17; 1899b, 536, 538, 542.—Mont., 1888a, 8, 11, 92, 105; 1892, Oct. 7, 214 (gen. of Distominae); 1893, 82, 153, 154, 155.—Stiles, 1901, 172.—Stiles & Hass., 1898a, 93 (renamed Rhopalias, type coronatus).
- coronatus* (Rud., 1819a) Dies., 1850a, 400; 1855, 172–173, pl. 1, figs. 6–11; 1858e, 357.—Braun, 1893a, 911 (in Didelphys cancrivorus, D. myosurus, D. palmata, D. quica; Brazil); 1901e, 319, 320, 323, 324, 325.—Cobbold, 1879b, 432.—Kaiser, 1893a, 93.—Mont., 1893, 83.
- horridus* Dies., 1850a, 400 (in Didelphys myosurus, D. philander; Brazil); 1855, 173, pl. 1, figs. 12–16; 1858e, 357.—Braun, 1892a, 583; 1893, 911 (in Did. my., D. phil.; Brazil); 1901e, 319, 320, 323, 324.—Cobbold, 1879b, 432.—Mont., 1893, 83.—Stiles & Hass., 1898a, 93.
- RHYTIDODES** Looss, 1901l, 565 (tod. gelatinosus); 1902m, 451 (diagnosis), 839.—Odh., 1905, 296.—Pratt, 1902, 888, 897.
- gelatinosus* (Rud., 1819) Looss, 1901l, 563–565 (in Thalassochelys corticata Looss; Egypt); 1902m, 414, 416, 441, 445–456 (includes: Dist. gelat. Rud., 1819a, 386; Sons., 1890, 43; 1893; Stoss., 1898, 43; Braun, 1899, 716; 1901, 9, figs. 6, 12, pl. 1, fig. 9, pl. 2; Looss, 1899b, 579), 458, 460, 462, 463, 870, pl. 22, figs. 19–24.—Heymann, 1905, 82, 83, 87.
- SACCOCELIUM** Looss, 1902h, 134, 135 (tod. obesum).
- obesum* Looss, 1902h, 135, 140–141, 142, figs. 9–11 (in Mugil auratus, M. cephalus, M. chelo; Trieste).
- tensum* Looss, 1902h, 141–142, figs. 12–13 (in Mugil chelo; Trieste).
- SAPHEDERA** Looss, 1902m, 732, 839 (Macrodera, 1899, renamed) (type naja).—Staff., 1905, Apr. 11, 691.
- 1899: Macrodera Looss, 1899b, 603 (tod. naja) [not Macroderes ante 1882].
- naja* (Rud., 1819) Looss, 1902m, 732.
- SCAPHANOCEPHALUS** Jägers., 1903a, 1–16 (m. expansus), *σκαπάνη*=Spaten; *κεφαλή*=head.
- expansus* (Crep., 1842) Jägers., 1903a, 1–16, pl. 1, figs. 1–5 (in Pandion haliaëtus; Tor on Red Sea); 1904a, 279; 1904, 16 pp., 1 pl., 3 figs., Distomidae.
- SCAPHIOSTOMUM** Braun, 1901g, 897 (m. illatabile); 1902b, 129, 133, 134.—Pratt, 1902, 889, 907 (key).
- illatabile* Braun, 1901g, 897 (in Falco nitidus Lath.; Brazil); 1902b, 134–136, fig. 80.
- SCHISTOSOMA** Colloridi, 1891a, 854, for Schistosoma.
- SCHISTOMOSUM** Cummins & Dupaquier, 1907, Jan., 496, for Schistosoma.
- SCHISTOSOMA** Weinland, 1858 [prior to Sept. 30], 58, 87 (m. hæmatobium) (not Schistosoma Brady, 1877, arachn.).—R. Bl., 1895, 730 (Schistosomum).—Braun, 1893a, 894, 912; 1901, 562; 1901, 947; 1902b (Schistosomum), 140, 142, 144; 1903, 3 ed., 168; 1906, 176 (syns. Gynæcophorus, Bilharzia, Thecosoma).—Catto, 1904, 1499.—Christopher, 1905, Aug. 15, 259 (a peculiar egg of).—Christopher & Stephens, 1905, Nov. 11, 1289 (peculiar egg); 1905, 2341; 1905, Nov. 30, 1944; 1905, Aug. 26, 609.—Cobbold, 1879b, 39; 1885a, 498 (syn. of Bilharzia).—Colloridi, 1891a, 854 (Schistosoma).—Darr, 1902, 660.—Huber, 1896, 580 (syn. of Bilharzia hæmatobia).—Katsurada, 1904b, 1237–1249 (Japanese); 1904c, 298–305 (Japanese); 1904, 160; 1904e (schistosomiasis in Japan); 1904g, Oct. 31, 126–134; Nov. 30, 135–148 (schistosomiasis in Japan); 1905a, Jan., 14–15.—Leuck., 1863a, 617.—Looss, 1895, 3; 1899b, 543, 656, 657, 658–659.—Moniez, 1896, 154–155.—Montgomery, 1906, 15–46, 2 pls.; 1906, Feb.

SCHISTOSOMA—Continued.

- 12, 18, 21 (Schistosomum).—Mont., 1896, 163.—Poche, 1907, 126.—Pratt, 1902, 889, 907.—Scheube, 1905, 150–155; 1905, 29 Aug., 1701.—Simon, 1897, 99.—Stiles, 1898a, 23, 27, 58, 63; 1903, 77.—Stiles & Hass., 1898a, 90, 93–94, 95, 98 (syns. Gynæcophorus, Bilharzia, Thecosoma) (type Dist. hæmatobium).—Ward, 1903, 224; 1903, 871–872.
- 1858: Gynæcophorus Dies., 1858, 356 (hæmatobius) later than Oct. 21, 1858.
- 1859: Bilharzia Cobbold, 1859, 364 (hæmatobia).
- 1860: Thecosoma Moquin-Tandon, 1860, 342 (hæmatobium).
- 1877: Bilhartzia Sons., 1877, 652 for Bilharzia.
- 1891: Schistosoma Colloridi, 1891a, 854, misprint.
- 1895: Schistosomum R. Bl., 1895, 40, for Schistosoma.
- 1905: Schistosoma Schwarz, 1905, 31 Mar., 236, misprint.
- 1906: Schistosomum Montgomery, 1906, Feb. 12, 21, misprint.
- 1907: Schistosomum Cummins & Dupaquier, 1907, Jan., 496.
- bomfordi* Montgomery, 1906, 143–147, pl. 1, figs. 1–4, pl. 2, fig. 1 (in *Bos indicus*; India).
- bovis* (Sons., 1876) R. Bl., 1895b, 101–104, fig. 7.—Braun, 1902b, 143 (syn. Bilharzia crassa).—Gomy, 1897a, 377.—Looss, 1905m, 281.—Moniez, 1896, 154.—Montgomery, 1906, Feb. 12, 17 (in cattle; Egypt; in sheep, Sicily), 18, 19, 43, 44; 1906, 138 (syns. Bilh. cr., B. bovis).—Rail., 1899, 788.—Stiles, 1898a, 23, 58, 60, 61, 62, 140, figs. 45, 46, 47.
- cattoi* R. Bl., in Catto [1904, Sept., 17, 663; 1904, Oct. 8, 710; 1904, Sept. 29, 1480; 1904, Nov., 15; 1904, Nov. 19, 1411; 1904, Nov. 26, 1499;] 1905, Jan. 7, 70–73, 9 figs. (in Homo); 1905, Jan. 7, 11–13, figs. 1–9 (in Homo; Prov. of Fukien, China); 1905, Jan. 28, 202; 1905, Jan. 19, 114; 1905, Mar. 1, 70–74; 1905, Mar. 31, 236; 1905, 179–189; 1906, Jan. 5, 617.—Brit. Med. J., Lond., 1905, v. 1, 27–28.—Crimp, 1905, Jan. 1, 67–68 (pathology); 1906, Apr. 22, 219.—Looss, 1905, 94; 1905m, 280.—J. Trop. Med., Lond., 1905, Apr. 1, 105.—Montgomery, 1906, Feb. 12, 18 (syn. of S. japonicum), 19.—Scheube, 1905, Apr., 150–155.—Stiles, 1905q, 821–823 (syn. of japonicum); 1905s, 1809; 1905t, 827.
- crassum* (Sons., 1877) Looss, 1899b, 657, 658.
- hæmatobium* (Bilharz, 1852) Weinland, 1858, 87; 1859, 281.—R. Bl., 1888a, 636 (syn. of Bilharzia hæmat.); 1895, 740–744, fig. 80; 1895, 40–101, figs. 2–6; 1900, 488.—Bourel-Roncier, 1888a, 101ff.—Braun, 1902b, 144; 1906, 176–181, figs. 109–113 (syns. Dist. hæm., D. capense), 285.—Catto, 1904, 73; 1905, 71, 72; 1905, Jan. 7, 12.—Darr. 1902, 678.—Higgins, 1906, Mar. 24, 881–882 (in Canal Zone).—Katsurada, 1904, Dec., 148, 149, 150, 153, 154, 155, 156, 157.—Kowal., 1904, (10), 25 (in Homo; Kair).—Letulle, 1905e, 329–439, pls. 1–2, figs. 1–16; 1905c, 607–609.—Looss, 1896b, 158; 1899b, 657, 658, 751, 752; 1901, 27; 1905m, 281, 282, 284.—Moniez, 1896, 86, 154, 155–173, fig. 29; 1896, 86, to (Bilharzia).—Mont., 1896, 162, to (Bilharzia).—Montgomery, 1906, 139; 1906, Feb. 12, 16, 18, 31, 36, 40, 41, 43.—Rail., 1899, 787.—Roger, 1901, 94, 95.—Shaw, 1901, 1027.—Shipley, 1905, v. 6 (1), 4.—Stiles, 1898a, 23, 57, 58, 59, 60, 137, 138, 140, figs. 41, 42, 43, 44, 48; 1902, 40; 1902, 204; 1903, 8, 84.—Ward, 1895, 253 (syn. of Gynæcophorus hæmatobius), 328 (in Homo); 1903, 407; 1903, 863, 864, 872 (syns. Dist. hæm., Gynæcophorus hæm., Bilh. hæm., Thecosoma hæm., Bilh. capensis).—Yamagiwa, 1905, v. 6 (3), 2 pls.
- indicum* Montgomery, 1906, 139; 1906, Feb. 12, 44, 45 (in donkey; India).
- japonicum* Katsurada, 1904e, Aug. 3, 21 (in *Felis catus dom.* and Homo; Japan); 1904f, Dec., 147–160, pl. 7, figs. 1–10 (in *Felis domestica*; Homo; Japan, Prov. of Yamanishi); 1904b, 1237–1249; 1904c, 298–305; 1904d, 1–22; 1904g, 126–134, 135–148; 1905a, 14–15; 1905, Jan. 31, 236; 1905, Apr. 1, 108–111.—Beyer, 1905, Sept. 10, 578–579 (case in Asia); 1905, 4 pp.—Braun, 1906, 181–186, figs. 114–117 (syn. Sch. cattoi).—[Catto, 1904, Sept. 19, 1411.]—Inouye, 1903, 131–132.—[Kurimoto, 1893, 20 Nov.]—Logan, 1905, v. 19, 243–245 (Hunan Province); 1906, Oct. 1, 294–296, figs. 1–3.—Looss, 1905m, 280–285; 1905n, 1362; 1906, Feb., 31; 1906, May 1, 132.—Montgomery, 1906, 140; 1906, Feb. 12, 18 (man and cat), 19, 40, 43, 44 (syn. S. cattoi).—Scheube, 1905, Apr., 150–155.—Stiles, 1905q, 821–823 (syn. cattoi); 1905r, 7 pp.; 1905s, 1809; 1905t, 827; 1905bb, 854 (in Philippines); 1905, v. 39 (3), 280–285.—Woolley, 1906, 83–89, 3 pls., figs. 1–5 (in Philippines); 1906, Feb., 32–35; 1906, Apr. 21, 260; 1906, July 16, 530–531.

SCHISTOSOMA—Continued.

- kowalewskii* (Par. & Ariola, 1896) Rail., 1899, 788, to Bilharziella by Looss, 1899b. *magnum* (Cobbold, 1859) Rail., 1899, 788.—Looss, 1899b, 658.
- mansoni* Sambon, 1907, June, 365–366 (in Homo; Africa).
- polonicum* (Kowal., 1895) Rail., 1898, 412; 1899, 788.—Looss, 1899b, 658, type of Bilharziella.—Reported for *Anas boschas*, *A. boschas dom.*, *A. acuta*, *A. crecca*, *A. querquedula*, *Ardea cinerea*, *Mergus albellus*.
- [*reflexum* a term in teratology; it has no status in nomenclature.]
- spindalis* Montgomery, 1906, 147–150, pl. 2, fig. 2 (in *Bos indicus*; India).
- SCHISTOSOMIASIS Toyama, 1905 (X, 26), 1739, medical term, name of the disease.—Miura, 1905a; 1906a, 46.—See also Bilharziosis.
- SCHISTOSOMIDÆ Looss, 1899b, 542, 543, 659 (type *Schistosoma*; contains also *Koellikeria*, *Bilharziella*).—Braun, 1903, 3. ed., 168; 1906, 176.—Catto, 1905, (I, 7), 13.—Luehe, 1901, 488.—Montgomery, 1906, Feb. 12, 18, 19.—Pratt, 1902, 889, 907 (genera: *Schistosoma*, *Bilharziella*, *Koellikeria*).—Shipley, 1905, v. 6 (1), 4.—Ward, 1903, 864, 865.
- SCHISTOSOMINÆ Stiles & Hass., 1898a, 90, 94, 95, 98.—Looss, 1901, 196.—Luehe, 1901, 175.—Stiles, 1898a, 22, 23, 58.
- SCHISTOSOMUM R. Bl., 1895, 40, for *Schistosoma*, q. v.
- SCHISTOSTOMA Schwarz, 1905, 31 Mar., 236, misprint for *Schistosoma*.
- SCHISTOSUMUM Montgomery, 1906, Feb. 12, 21 (for *Schistosoma*).
- SCHISTURUS Rud., 1809a, 8, 31 (m. *paradoxus*), 32; 1810a, 257–258.—Audouin, 1829, 408.—Blainv., 1824a, 513 “genre fort douteux établi par M. Rudolphi sur un animal incomplètement décrit par Redi”.—Deslongchamps, 1824uu, 674; 1829b, 238.—Dies., 1850a, 331 (syn. *Distomum*).—Looss, 1899b, 527, 528; 1902m, 721, 764, 765, 778.—Luehe, 1900, 492.—Stiles, 1901, 195, 196.—Stiles & Hass., 1898a, 92, 94 (?syn. of *Podocotyle*).
- paradoxus* Rud., 1810a, 257–258, pl. 12, fig. 4 (in *Tetrodon mola*; Europe); 1819a, 118 (syn. of *Dist. nigroflavum*).—Audouin, 1829, 408.—Dies., 1850a, 394 (syn. of *D. nig.*, in *Orthoragoriscus mola*; Naples).—Looss, 1899b, 528; 1902m, 721, 764.—Luehe, 1900, 492.—Stiles, 1901, 196.—Stiles & Hass., 1898a, 92, 93.
- (SCHIZOCERCA) subg. of *Cercaria*.—Dies., 1858d, 264–265.
- dichotoma* (Mueller, 1855) Dies., 1858d, 265 (free; Nice).
- fissicauda* (La Valette, 1855) Dies., 1858d, 265 (in *Lymnæus stagnalis*; Berlin).
- gracilis* (La Valette, 1855) Dies., 1858d, 264–265 (in *Planorbis corneus*; Berlin).
- SINISTROPORUS Staff., 1904, May 3, 484–485 (tld. simplex designated in letter from Staff.); sinister, left; *πόρος* = pore.
- productus* Staff., 1904, May 3, 485 (in *Hemitripteris americanus*; Canada) (*productus*, lengthened).
- simplex* (Rud., 1809) Staff., 1904, 484–485 (in *Acanthocottus scorpius*, *Gasterosteus aculeatus*, *Hemitripteris americanus*, *Phycis chuss*, *Salmo salar*, *Scomber scombrus*, *Sebastes marinus*).
- SODALIS Kowal., 1902d, 27 (m. *spatulatus*), 28 (10).
- spatulatus* (Rud., 1819) Kowal., 1902, 27 (9).
- SOLENO CERCA Dies., 1855a, 380, 383 “Der abgeworfene Sporenschwanz ist zuweilen von einem Schlauche oder einer Röhre durchgezogen (*Solenocerca*, — Redia Filippi).”
- SOLENO COTYLE Dies., 1850a, 289, 420 (m. *chiajei*); 1858e, 314, 374.—Ben. & Hesse, 1864, 84.—Braun, 1890a, 518.—Goldb., 1855a, 19.—Mont., 1888a, 89.
- chiajæ* Tasch., 1879, 251, for *chiajei*.
- chiajæ* Mont., 1888a, 89, for *chiajei*.
- chiajei* Dies., 1850a, 420 (Polyst. *Ioliginis Chiaje*, 1823, renamed) (in *Loligo vulgaris*; Naples); 1858e, 374.—Mont., 1888a, 89 (*chiajæ*) Tasch., 1879, 251 (*chiajæ*).
- SPATHIDIUM Looss, 1899b, 605 (*ῥ σπάθην* = spade) (tod. folium) [not *Spathidium* Duj., 1841a]; 1900, 605; 1901b, 202, 222 (*Phyllodist.*); 1902m, 476.—Braun, 1901b, 9.—Odhn., 1902, 65.—Osborn, 1903, 257 (syn. of *Phyllodist.* Braun, 1899).
- cymbiforme* (Rud., 1819) Looss, 1899b, 605.—Type of *Plesiochorus* 1901.
- folium* (Olfers, 1816) Looss, 1899b, 605.—See also *Rhopalocerca*.
- patellare* (Sturges, 1897) Looss, 1899b, 605.

- SPBYRANURA Mont., 1888a, 11 (for Sphyranura).
- SPECIES.—Looss, 1902, 779–794, variation of and conception of, among trematodes.
- SPELOTREMA Jægers., 1901b, Dec. 31, 982 (tod. pygmæum); 1903a, 14, 15.—Looss, 1902m, 706, 824 (type pygmæum).
- claviforme* (Brand., 1888) Nicoll, 1907, 247, 248, 249, 254–256 (in Aegialitis hiaticula, Pelidna (Tringa) alpina).
- excellens* Nicoll, 1907, 247, 248–251, 252, 253 (syn. *S. simile* Jægers.) (in Larus argentatus).
- feriatum* Nicoll, 1907, 247, 248, 251–253 (in Aegialitis hiaticula, Hæmatopus ostralegus, Pelidna (Tringa) alpina, Totanus calidris, Vanellus vanellus).
- pygmæum* (Levin., 1881) Looss, 1902m, 785, 786, 809, 854.—Nicoll, 1907, 247, 248, 249, 250, 251, 253, 254, 255, 256 (in Oidemia fusca, O. nigra).—Odhn., 1905, 314–318, figs. 1, 2 (syns. Dist. pyg., Levinsenia pyg.) (in Larus sp.; west coast of Sweden).
- simile* (Jægers., 1900) Looss, 1902m, 706, 786, [809], 854.—Nicoll, 1906, 522 (similis) (to Levinsenia).—Odhn., 1905, 315, 316, 317, fig. 2b.
- similis* Nicoll, 1906, 522 (to Levinsenia), for simile.
- SPHÆROSTOMA Rud., 1809a, 38, 39 (type by virtual tautonymy globiporum) [nec Sperosoma Kæler; nec Sphærodoma Keyes].—Darr, 1902, 655, 661.—Looss, 1899b, 527, 571, 595, 646, 647, 648–649; 1902m, 757, 758, 769, 830, 831.—Stiles, 1901, 167, 179, 188, 191, 192, 193, 194, 195, 200.—Stiles & Hass., 1898a, 94–95, 97 (type globiporum=bramæ).—Stoss., 1902, 582.
- 1902: Sphærostomum Looss, 1899b, 648, for Sphærostoma.
- globiporum* (Rud., 1802) Looss, 1899b, 595, 649; 1902m, 654, 747, 765.—Ssinitzin, 1905, 113–121; 1906, 685 (larva is Cerc. micrura).—Stiles, 1901, 194.
- SPHÆROSTOMUM Looss, 1899b, 648–649 (for Sphærostoma Rud.).
- SPHYRAMURA Mont., 1888a, 36 (for Sphyranura).
- SPHYRANNRA Mont., 1888a, 49 (for Sphyranura).
- SPHYRANURA R. Wright, 1879, 15–20, pl. 1, figs. 12–14, 54–75 (m. osleri).—Bettend., 1897a, 8, 38; 1897, 312, 342.—Brand., 1891d, 15; 1898a, 214 [22].—Braun, 1889k, 622; 1890a, 413, 415, 433, 434, 435, 437, 440, 442, 445, 451, 453, 457, 462, 463, 466, 469, 470, 481, 482, 483, 487, 491, 492, 511, 517, 523, 538, 540, 546; 1893a, 890.—Gamb., 1896a, 56, 73.—Goto, 1891c, 103.—Haswell, 1892a, 458, 460; 1892b, 149; 1893e, 112, 113, 114, 144, 145.—Hoyle, 1890, 539.—Lander, 1904a, 16, 17.—Looss, 1894, 23, 24; 1894a, 136, 203.—Mont., 1888a, 10, 11. (Sphyranura), 15, 16, 23, 34, 36 (Sphyramura), 37, 46, 47, 48, 49, 50, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 64, 65, 66, 67, 89, 100; 1892, Oct. 7, 213 (gen. of Polystominae); 1893, 18, 39, 41, 111, 118; 1903, 336 (subf. Dicotylinæ).—Pratt, 1900, 646, 651, 656, 659, fig. 22 (Spyranura).
- 1888: Spbyranura Mont., 1888a, 11, misprint.
- 1888: Sphyrannra Mont., 1888a, 49, misprint.
- 1888: Sphyramura Mont., 1888a, 36, misprint.
- osleri* R. Wright, 1879, 66–71, pl. 1, figs. 13–14, in Necturus (Mesobranchus) lateralis; ? Canada.—Braun, 1890a, 410, 418, 422, 424, 425, 430, 449, 454, 456, 468, 490, 540, 548, 552; 1891a, 53.—Crety, 1893a, 384.—Goto, 1891a, 160.—Haswell, 1892b, 150, 151; 1893e, 97, 99, 115.—Kowal., 1898h, 158 (55).—Lander, 1904a, 16.—Looss, 1894, 21; 1894a, 234.—Mont., 1888a, 8, 13 (*oslerii*), 20 (Spyranura), 25, 26, 27, 29, 32, 34, 35, 37, 39, 41, 44, 47, 48, 49 (Sphyrannra), 56; 1891, 1892, 99, 104; 1893, 16, 39, 112.—Pratt, 1900, 656, 657, 659 (key) (Spyranura), fig. 22.—Staff., 1900, 405; 1905, 682 (in Necturus maculatus Raf.; Canada). Wright & Macallum, 1887, 1–48, pls. 1–48.
- oslerii* Mont., 1888a, 8, 13, for *osleri*.
- SPOROCERCA Dies., 1855a, 379–380, “Der abgeworfene Schwanz der Cercarieen ist somit ein Sporenbehälter, welcher von Baer als *Sporocystis*, von Siebold als *Keimschlauch*, von Steenstrup als *Amme*, von Beneden als *Scolex* and von Filippi als *Redia* beschrieben und abgebildet wurde. Ich werde mich in der Folge dafür des Collectivnamens Sporenschwanz (*Sporocerca*) bedienen.”
- SPOROCYSTIDES Baer.—Dies., 1858d, 240, 242.
- SPOROCYSTIS Baer.—Braun, 1892a, 775.—Burm., 1856a, 245.—Dies., 1855a, 379 (cf. sporocerca); 1858d, 270 (cf. sporonema).—Fil., 1854a, 6.—Pag., 1857, 10.—Wagener, 1866, in 145–150, figs. 1–11.
- SPOROCYSTOPHORA Fil., 1856.

SPOROCYSTOPHORE Fil., —.—Dies., 1858d, 240, 242.

SPORONEMA Dies., 1855a, 380, "Bei allen zwei schwänzigen [Cercaria] hingegen wächst die Spitze des Sporenschwanzes in eine fadenförmige unverästelte oder verästelte Röhre aus, welche stellenweise in Knoten oder Kugeln anschwillt, die neue Brut in allen Graden der Entwicklung einschliesst, und endlich auch selbst vom Sporenschwanz abfällt (Sporonema)"; 1858d, 270 (cf. Sporocystis).

SPORONEMATA Dies., 1858d, 240.—See Sporonema.

SPOROTHERIUM Dies., 1858d, 240 (i. e. Redia Fil.).

SPYRANURA Mont., 1888a, 20, for Sphyrnura.

SQUALONCHOCOTYLE Cerf., 1899a, 347, 373, 420, 440, 445, 446, 454–455, 456 (type borealis, designated by Cerf. in correspondence with Stiles, Jan. 21, 1907).—Mont., 1903, 336 (subf. Onchocotylinae).

abbreviata (Olss., 1876) Cerf., 1899a, 375, 380, 382, 460, pl. 19, fig. 3 (syn. Onchocotyle abbreviata Olss.) (in Acanthias vulgaris; Roscoff).

borealis (Ben., 1853) Cerf., 1899a, 374, 379–380, 382, 421, 422, 423, 424, 427, 428, 431, 433, 434, 436, 443, 444, 446, 456–457, pl. 18, fig. 13, pl. 19, fig. 7, pl. 20, figs. 13, 14, pl. 21, fig. 16 (syn. Onchocotyle borealis Ben.) (in Scymnus borealis; Liège).—Odhn., 1905, 372 (syn. Onchoc. bor. Ben.).

canis Cerf., 1899a, 375, 380, 382, 398, 406, 410, 433, 443, 447, 450, 458–459, pl. 18, figs. 1, 2, 7, 12, pl. 19, fig. 2, pl. 20, fig. 12, pl. 21, figs. 2, 6, 10 (in Galeus canis; Roscoff).

grisea Cerf., 1899a, 376, 381, 383, 461, pl. 19, fig. 8 (syn. Onchocotyle appendiculata Tasch., 1879) (in Hexanchus griseus).

spinacis (Goto, 1894) Cerf., 1899a, 376, 380–381, 383, 404, 417, 419, 424, 460–461, pl. 19, fig. 4 (syn. Onchocotyle spinacis Goto) (in Spinax sp.).

vulgaris Cerf., 1899a, 375, 379, 382, 403, 406, 409, 419, 427, 437, 438, 444, 446, 450, 457–458, pl. 18, figs. 3, 4, 9, pl. 19, fig. 1, pl. 20, figs. 5, 8–11, pl. 21, figs. 3, 5, 7, 9 (syns. Polyst. appendiculatum of Thaeer, 1850; Onchocotyle emarginata of Sons., 1890) (in Mustela vulgaris).

STEGANODERMA Staff., 1904, May 3, 486–487 (m. formosum) (στεγανός=covered).
formosum Staff., 1904, May 3, 486–487 (t. h. Hippoglossus hippoglossus; Canada.) (formosus, well formed).

STENAKRON Staff., 1904, May 3, 487 (m. vetustum) (στενός=narrow; ἄκρον=end).
vetustum Staff., 1904, May 3, 487 (in Hippoglossus hippoglossus; Hemitripterus americanus), based on Linton, 1901, 485, pl. 32, fig. 359, pl. 33, figs. 360–362, in Limanda ferruginea; Woods Hole) (vetustus old).

STENOCOLLUM Staff., 1904, May 3, 487 (m. fragile); στενός, narrow; collum, neck.
fragile (Lint., 1900) Staff., 1904, 487 (in Mola mola).

STEPHANOCHASMUS Looss, 1900, Dec. 3, 603 (=Stephanostomum Looss, 1899 [not Stephanostoma Danielson & Koren] renamed, hence type cesticillus); 1901b, 199; 1901e, 595, 597–605, 628, 629, 634, 654–661; 1901f, 1902g; 1902m, 441, 780, 808, 838.—Braun, 1901a, 34; 1902b, 30.—Odhn., 1902, 37; 1902, 155, 159; 1905, 331.—Pratt, 1902, 888, 895.

1899: Stephanostomum Looss, 1899b, 576 (tod. cesticillus), not Stephanostoma Danielson, 1880, worm.

baccutus Nicoll, 1907, 72, 80–83, pl. 2, figs. 5–7 (in Hippoglossus vulgaris; Scotland).
bicoronatus (Stoss., 1883) Looss, 1901e, 599–601, 604, fig. 2 (in Umbrina cirrhosa, Corvina nigra).

caducus Looss, 1901e, 603–604, fig. 4 (in Gadus minutus, Lophius piscatorius; apparently Triest).—Nicoll, 1907, 81.

cesticillus (Mol., 1858) Looss, 1901e, 598–599, 601, 604, fig. 1 (in Lophius piscatorius).—Nicoll, 1907, 80, 81, 82, 83.

histris (Dies., 1850, for hystrix Duj., 1845) Staff., 1904, May 3, 485 (on fins of Pseudopleuronectes americanus Walb., and in cysts free in stomach of Lophius piscatorius containing 2 partially digested Limanda ferruginea).

minutus Looss, 1901e, 604–605 (in Uranoscopus scaber; apparently Triest).—Nicoll, 1907, 83.

pristis (Delongchamps, 1824) Looss, 1901e, 601–603, 604–605, figs. 3, 5 (in Gadus euxinus, G. minutus, Motella vulgaris).—Nicoll, 1907, 80.

sobrinus (Levin., 1881) Staff., 1904, May 3, 485 (in rectum of Hemitripterus americanus, Cryptacanthodes americanus, Lycodes sp.; Canada).—Odhn., 1905, 331 (syn. Dist. sobrinum).

- STEPHANOPHARYNX Fischder., 1901, 370 (m. compactus); 1902a, 24; 1903h, 492 (Paramphistominæ), 551.—Looss, 1902m, 835.—Pratt, 1902, 887, 892.—Shipley, 1905, v. 6 (1), 8.
- compactus* Fischder., 1901, 370 (in *Bos taurus*); 1902a, 24–26, fig. 2 (in *Bos taurus*; Africa); 1903h, 493, 496, 566, 567, 584.
- STEPHANOPRORA Odhn., 1902, 22–24 (m. ornata), fig. 1.—Pratt, 1902, 888, 895 (key).
- ornata* Odhn., 1902, 22–24, fig. 1 (in Nilkrokodil).
- STEPHANOSTOMUM Looss, 1899b, 576–577, 579, 582, 583, 590, 596 (tod. cesticillus) [not Stephanostoma Danielsen, 1880, Vermes), *ὁ στέφανος*, Stirnkroner, Kranz; 1900, 603 (renamed Stephanochasmus); 1901, 595.—Braun, 1901b, 34; 1901i, 55.—Luehe, 1900, 489.—Rud., 1801a, 58.—Stiles, 1901, 189.
- cesticillus* (Mol., 1858) Looss, 1899b, 576, 582, 696–698, figs. 21–22 (in *Lophius piscatorius*; Naples).
- hystrix* (Duj. of Olss.) Looss, 1899b, 576, 582.
- lydx* (Stoss., 1896) Looss, 1899b, 576, 582.—Type of Dihemistephanus 1901.
- pristis* (Deslongchamps, 1824) Looss, 1899b, 576, 582, 697.
- sobrinum* (Levin., 1881) Looss, 1899b, 576, 582.
- STERELMINTHA Owen, 1835, 390.—Aitken, 1872, 146, 178–207; 1874, 57.—Baird, 1853a; 39 (pars=Trematoda).—Dunglison, 1893, 820, 1039.—Mont., 1888a, 84.—Sieb., 1839, 153.—Tasch., 1879, 234.
- STERINGOPHORUS Odhn., 1905, 309 (tod. furciger).
- furciger* (Olss., 1868) Odhn., 1905, 301, 305–310, pl. 2, figs. 6–7 (in *Pleuronectes limanda* and *Drepanopsetta platessoides*; on Swedish west coast; *Cottus scorpius*, *Gymnocanthus ventralis*, *Lycodes pallidus*; East Greenland).—Nicoll, 1907, 72, 183 (in *Pleuronectes limanda*).
- STERRHURINAE Looss, 1907, 599–600, subf. of Hemiuridæ, contains: 1. Sterrhurus, 2. Lecithochirium, 3. Synaptobothrium, 4. Plerurus.
- STERRHURUS Looss, 1907, 600 (tod. musculus).
- fusiformis* (Luehe, 1901) Looss, 1907, 602 (in *Conger conger*).
- grandiporus* (Rud., 1819) Looss, 1907, 601–602 (in *Murena helena*; Naples).
- imocavus* Looss, 1907, 601 (in *Thynnus* sp. (? thunnina); Alexandria, Egypt).
- musculus* Looss, 1907, 600–601 (in *Anguilla vulgaris*, *Dentex vulgaris*; Triest; also in *Acipenser sturio*, *Gadus euxinus*, *Gobius jozo*, *Labrax lupus*, *Lichia amia*, *Lophius piscatorius*, *Ophidium barbatum*, *Pagellus erythrinus*, *Rhombus maximus*, *Serranus cabrilla*, *Trachinus draco*; Triest).
- STICHOCOLYLE Mont., 1892, Oct. 7, 176, for Stichocotyle.
- STICHOCOTOLYLE Mont., 1888a, 9, for Stichocotyle.
- nephropis* (Cunningham, 1884) Mont., 1888a, 9, for Stichocotyle nephropis.
- STICHOCOTYLE Cunningham, 1884a, July 12, 399 (m. nephropis); 1887a, 273–280, figs. 1–6.—Brand., 1898a, 213 [21].—Braun, 1892, 47; 1892a, 571, 581, 660, 672; 1893a, 892.—Hoyle, 1890, 539.—Jackson, 1888, 645, 646.—Mont., 1888a, 16, 31, 32, 42, 43, 44, 45, 46, 47, 91, 107; 1892, Oct. 7, 176, 196, 198; 1893, 20, 36, 37.—Nickerson, 1901, Mar. 8, 378 (*Aspidobothridæ*); 1902, 603, 604, 607, 609, 610, 612, 614, 615, 616, 617.—Odhn., 1902, 44, 45.—Pratt, 1902, 887, 891.
- 1888: Stichocotyle Mont., 1888a, 9, misprint.
- 1892: Stichocotyle Mont., 1892, 176, misprint.
- nephropis* Cunningham, 1884a, 399 (in *Nephrops norvegicus*; Firth of Forth); 1887a, 273–280, pl. 39, figs. 1–6.—Braun, 1892a, 571.—Jackson, 1888, 642.—Jägers., 1899, 202.—Mont., 1888a, 9 (Stichocotyle), 12, 26, 38, 39, 80, 89; 1893, 36, 48.—Nickerson, 1895, 447–480, pls. 29–31 (in American lobster); 1895, 634–635; 1902, 614, 617 (in *Raja* sp.; Europe, N. America).—Odhn., 1898, 509–513 (sexual form).—Rossbach, 1906, 374.
- (STICHORCHIS) Fischder., 1901, 373 (tod. giganteus), subg. of Cladorchis: 1902a, 41 (type giganteum).—Looss, 1902m, 836.—MacCallum, 1905b, 668.
- giganteus* (Dies., 1836d) Fischder., 1901, 373; 1902a, 41–42, 43 (in *Dicotyles albirostris*, *D. torquatus*).
- subtriquetrus* (Rud., 1814) Fischder., 1901, 373–374; 1902a, 35, 42–43 (syns. Amphist. subtriquetrum Rud., Dist. amphistomoides Boj.) (in *Castor fiber*); 1903h, 567.
- STICHORCHIS (Fischder., 1901) Looss, 1902m, 439.
- subtriquetrus* (Rud., 1814) Looss, 1902m, 439.

STICTODORA Looss, 1899b, 671-672 (m. sawakinensis), *σικτός*, punctuate; *ἡ δορά*, skin; 1902m, 442.—Pratt, 1902, 890, 910.

sawakinensis Looss, 1899b, 672, 754-755, fig. 90 (in Laurus sp.; Sawakin, Egypt, Jan.).

STOMYLOTREMA Looss, 1900, Dec. 3, 602 (=Stomylus Looss, 1899 [not Fähr., 1871] renamed) (type singulare=perpastum).—Braun, 1901, 260; 1901, 896; 1902b, 85, 86, 91 (syn. Stomylus) (type S. perpastum Braun=singulare Mol. of Looss).—Odhn., 1902, 38.

1902: Stromplotrema Zool. Rec., 1902 (1901), v. 38, 53, Vermes, misprint.

bijugum Braun, 1901g, 896 (in Himantopus melanopterus Mey.; Brazil); 1902b, 91, fig. 53.

fastosum Braun, 1901g, 896 (in Caprimulgus sp., Squatarola helvetica; Brazil); 1902b, 90, fig. 52.

perpastum Braun, 1902b, 86, 88 (syn. Stomylus singularis of Looss, not Dist. singulare Mol.).

pictum (Crep., 1837) Braun, 1901, 896; 1902b, 86 (syns. Dist. pictum Crep., 1837, 313, 316; D. singulare Mol., 1861, 200).

[*singulare* (Mol., 1861, of Looss)].

tagax Braun, 1901g, 896 (in Hirundo versicolor Natt.; Brazil); 1902b, 90, fig. 51.

vicarium Braun, 1901, 896 (in Ibis caerulescens Vieill.; Brazil); 1902b, 89, 90, fig. 1.

STOMYLUS Looss, 1899b, 629-630 (m. singularis) (*στῶνύλος*=Der ein gutes Mundwerk hat) [nec Stomylus Fähræus, 1871, coleopteron]; 1900, Dec. 3, 602 (renamed Stomylotrema).—Braun, 1902b, 85, 86, fig. 49 (syn. of Stomylotrema).

singularis (Mol., 1861, of Looss) Looss, 1899b, 596, 630, 723-725, figs. 42-43 (in Glareola pratincola; Dachschrur).—Braun, 1901, 260; 1901, 896; 1902b, 86, 88 (syns. Stomylotrema perpastum, not Dist. singulare Mol.).

STRIGEA Abildg., 1790a, 37, pl. 5, a-c (m. strigis), mentions only Goeze, 1782a, 174, pl. 14, figs. 4-6 (=strigis).—Baird, 1853 (=Holost. macrocephalum).—Brand., 1888a, 9.—Braun, 1893a, 884, 902.—Cuv., 1817, 41.—Deslongchamps, 1824yy, 701; 1829e, 677.—Dies., 1850a, 307 (syn. Hemist. Dies.), 312 (syn. of Holost. variabile).—Fischder., 1901, 367; 1902a, 6 (renamed Amphistoma by Rud.), 7 (m. strigis Goeze, 1782a, =Amphist. macrocephalum Rud., 1809, =Holost. macrocephalum Nitzsch, 1819) ("if again made valid=Holost., while Amphist. must receive a new name"); 1903h, 487, 490.—Linst., 1905, 191.—Looss, 1902m, 438, 439, 746, 756.—Luehe, 1901, 175.—Rud., 1801a, 59; 1809a, 21.—Shipley, 1905, v. 6 (1), 7 (type Holost. macr.).

1801: Amphistoma Rud., 1801a, 50 (Strigea renamed).

1819: Holostomum Nitzsch, 1819, 399-401, type by inclusion variabile=strigis.

anatis tadornæ Viborg, 1795, 196.—Dies., 1850a, 313 (syn. of Holost. erraticum).—Rud., 1809a, 352 (to Amphist.).

candida Mueller (or Abildg.), 1806a, v. 4, 32, pl. 143, fig. C, 1-2.—Dies., 1850a, 313 (syn. of Holost. erraticum).—Olfers, 1816, 48.—Rud., 1814a, 100 (renamed Amphist. isostomum).

cervi (Schrunk, 1790) Rail., 1893a, 376.—Stiles, 1898a, 64.

falconis palumbi Viborg, 1795, 243.—Baird, 1853a, 47 (=Holost. macrocephalum).—Dies., 1850a, 309 (syn. of Hemist. spathula).—Rud., 1809a, 352 (to Amphist.).

longicollis (Duj. [Rud., 1819]) Luehe, 1905, 215 (syns. Echinorhynchus gazæ, Gmelin, Zed.; E. ardeæ albæ Rud.; E. sp. Mueller).

STROMPLOTREMA Zool. Rec., 1902 (1901), v. 38, 53 Vermes, for Stomylotrema.

STYPHLODORA Looss, 1899b, 592, 593, 594, 633 (tod. serrata) (*στῦφλός*=rough; *ἡ δορά*=skin); 1901, 560; 1902m, 505, 506, 507 (diagnosis), 512, 514, 821.—Cohn, 1902, 882.—Odhn., 1902, 27, 40, 42.—Pratt, 1902, 888, 899.

1902: Styphlodora Looss, 1902m, 872, misprint.

serrata Looss, 1899b, 592, 707-708, 709, fig. 28 (in Varanus niloticus; Zool. Inst., Leipzig).—Luehe, 1900, 561.

solitaria Looss, 1899b, 592, 708-709, fig. 29 (in Thalassochelys corticata; Abukir); 1902m, 505, 506-507, 511, 517, 872, pl. 24, fig. 40.—Luehe, 1900, 560, 561.—Pratt, 1903, 25 (Styphlodora), 33, to (Renifer).

SUBCLAVATA Goeze, 1782, 41, 169, 178-179 (a "Klasse" of Plan. Goeze, 1782, containing Fasc. subclavata Pallas).

- SYNAPTOBOTHRIUM Linst., 1904, 254 (m. copulans).—Odhn., 1906, 59–66, figs. 1–2 (syn. of Lecithochirium Luehe, 1901, 473).
- caudiporum* (Rud., 1819) Looss, 1907, 604 (in Zeus faber; Triest; also in Caranx trachurus, Lophius piscatorius, Platessa passer, Rhombus lævis, R. maximus, Scomber colias; Triest).
- copulans* Linst., 1904, 254, figs. 1–4 (in Arnoglossus laterna; ?Louvain); 1906, 751.—Odhn., 1906, Apr. 3, 59–66, figs. 1–2 (to Lecithochirium).
- SYNCÆLIINÆ Looss, 1899b, 544, 642, 645, 646; 1901, 208 (includes: Syncœlium, Progonus, Otiotrema).—Fuhrmann, 1904, 61 (Syncoliinæ).—Odhn., 1905, 366.—Pratt, 1902, 889, 905 (includes: Progonus, Syncœlium, Otiotrema; related genera Halipegus, Accacœlium, Eurycœlum).
- 1904: Syncoliinæ Fuhrmann, 1904, 61, for Syncœliinæ.
- SYNCÆLIUM Looss, 1899b, 643–644, 645, 646 or 647, 741, 742, 743 (m. ragazzii); 1901, 208, 209, 210; 1902m, 642, 813.—Braun, 1902b, 23.—Fuhrmann, 1904, 61.—Luehe, 1901, 481, 482, 486.—Odhn., 1905, 366.—Ofenheim, 1900, 160.—Pratt, 1902, 889, 905.
- ragazzii* (Setti, 1897) Looss, 1899b, 644, 731–736, 737, 738, 743, 746, figs. 50, 62, 63–68 (in Lamna sp.; Sawakin).—Darr, 1902, 661.—Luehe, 1901, 481.
- SYNCOLIINÆ, see Syncœliinæ.
- TAPHROGONIMUS Cohn, 1904, 235–237 (m. holostomoides).
- holostomoides* (Mehlis, 1846) Cohn, 1904, 235–237 (syn. Monostomum pingue Crep., 1843; Braun, 1893a, 915; Brand., 1892, 504–511).—Reported for Podiceps cristatus.
- (TAXORCHIS) Fischder., 1901a, 373 (tod. schistocotyle); 1902a, 39–40; 1903h, 498.—Looss, 1902m, 836 (as genus).
- schistocotyle* Fischder., 1901a, 373 (in Dicotyles torquatus); 1902a, 40–41 (syn. Amphist. giganteum Dies., e. p.).
- TELORCHIINÆ Looss, 1899b, 569.—Braun, 1901b, 20.—Pratt, 1902, 888, 895 (includes Telorchis, Orchidasmus; related genus Deropristis).
- TELORCHIS Looss, 1899b, 566–569, 614 (tod. linstowi = ? aculeatus); τηλοῦ, τηλε, in der Ferne; ὄρχις, testes; 1900, 608.—Braun, 1900, 234.—Stiles, 1901, 183, 185.—See also D. ercolanii, D. poirieri, D. nematoides, D. arrectum.
- TELORCHIS Luehe, 1899, 529, 530 (tod. clava); 1900, 556, 566; 1901, 488.—Braun, 1900, 390; 1901b, 13, 14, 17, 19, 20, 21, 26, 30, 34; 1901i, 56, 58.—Looss, 1901, 207; 1902m, 824, 831, 832, 834, 839.—Pratt, 1902, 888, 895.
- aculeatus* (Linst., 1879) Braun, 1901b, 14–17 (syn. Dist. linstowi Stoss.), 19, fig. 4.—Stoss., 1904, 4, 5, 6, 8 (in Testudo græca; Albania).
- arrectus* (Duj. of Mol., 1859) Stoss., 1904, 9 (in Podarcis muralis; Italy).
- augustus* Staff., 1905, Apr. 11, 690 (in Chrysemys picta; Canada), misprint for angustum (Dist.), 1900.
- bifurcus* (Braun, 1899) Braun, 1901, 18–19, 30, fig. 2.—Heymann, 1905, 95 to (Cercorchis).—Stoss., 1904, 9 (Testuggini d'acqua dolce; Brazil).
- clava* (Dies., 1850) Luehe, [1899, 529;] 1900, 566.—Looss, 1900, 608; 1901, 207; 1902m, 831.—Odhn., 1900, 17.—Stoss., 1904, 9 (in Eunectus scytale; Brazil).
- ercolanii* (Mont., 1893) Braun, 1901b, 16.—Rizzo, 1902, 28 (syn. Dist. monticelli) (in Tropidonotus natrix; Catania).—Stoss., 1904, 4, 5–6 (syn. T. nematoides) (syn. Dist. ercolanii) (in Trop. nat., T. viperinus; Italy).
- linstowi* (Stoss., 1890) Looss, 1899b, 566 (type of Telorchis Looss, not Luehe).—Braun, 1901b, 14 (syn. of aculeatus).—Luehe, 1900, 566 to (Cercorchis, type).—Stoss., 1904, 3, 4.
- nematoides* (Mueh., 1898) [Luehe, 1899, 529.—] Braun, 1901b, 16.—Looss, 1899b, 567.—Odhn., 1900, 17.—Stoss., 1904, 4, 6 (syn. T. ercolanii) (in Tropidonotus natrix; Germany).
- parvus* Braun, 1901b, 19–20, fig. 3 (in Testudo orbicularis; Vien. Mus.).—Heymann, 1905, 95, to (Cercorchis).—Stoss., 1904, 9 (in Cistudo lutaria).
- pleroticus* (Braun, 1901) Braun, 1901b, 17–18, fig. 5.—Heymann, 1905, 95, to (Cercorchis).—Stoss., 1904, 9 (in Testuggini d'acqua dolce; Brazil).
- poirieri* (Stoss., 1895) Odhn., 1902, 31.—Heymann, 1905, 95, to (Cercorchis).—Stoss., 1904, 3–5, fig. 2 (syns. Dist. gelatinosum Rud. of Poir., 1885, D. poirieri) (in Cistudo lutaria; Italy and France; in Emys orbicularis; Sassari, Sardegna).
- solivagus* Odhn., 1902, 29–32, fig. 2 (in Clemmys caspica).—Stoss., 1904, 9 (in Cl. casp.; Caucasia).

TELORCHIS (CERCORCHIS) Heymann, 1905, 94, sp. (in *Dermatemys mavii*).

TEMNACEPHALE Cosmovici, 1887a, 127 (for *Temnocephala*).

TEMNOCEPHALA E. Bl., 1849, 51–52 (m. chilensis).—Bettend., 1897a, 8; 1897, 312.—R. Bl., 1888, 137, 138 (m. chilensis) (on écrevisse; Chili), g. of Branchiobdellides.—Brand., 1891d, 13, 24, 27, 28, 29.—Braun, 1889k, 620, 621; 1890a, 408, 412, 422, 424, 425, 429, 430, 435, 436, 437, 440, 442, 444, 445, 447, 451, 456, 458, 461, 465, 466, 468, 469, 470, 471, 472, 475, 479, 481, 482, 485, 490, 491, 497, 499, 510, 511, 512, 517, 520, 521, 522, 523, 525, 1890b, 84–90, 125–128; 1890e, 595; 1893a, 889; 1893b, 179; 1895b, 25; 1906, 129.—Buttel-Reepen, 1900a, 590.—Chilton, 1888, 252; 1889a, 252–253 (on crayfish in New Zealand).—Cosmovici, 1887a, 127 (*Temnacephale*).—Darr, 1902, 649, 678.—Gamb., 1896a, 4, 56, 73.—Graff, 1903.—Haswell, 1887a, 279–302, pls. 20–22; 1888a, 50–51; 1888, 279–302; 1892a, 457ff; 1892b, 149–151; 1892c, 486; 1892d, 360–362 (integument); 1893, 455–460; 1893c, 342; 1893d, 477; 1893e, 93ff; 1893f, 153, 154, 155, 156; 1894, 93–152.—Kathariner, 1894a, 132, 134.—Looss, 1894a, 219; 1895, 36.—Maclaren, 1904, 582, 601.—Mont., 1888a, 10, 15, 17, 18, 22, 27, 33, 34, 35, 36, 38, 39, 42, 43, 44, 45, 47, 48, 49, 50 (*Temuocephala*), 51, 52, 53, 54, 56, 57, 58, 64, 66, 67, 86, 88, 98, 110; 1889b, 4pp., 3 figs.; 1891, 1892, 100, 108, 109, 110, 128, 129; 1892, Oct. 7, 186, 213 cg. of *Temnocephalidæ*; 1893, 8, 9, 114, 211; 1899, 72–122 (107 *Temnocephala*); 1905f, 21–24, 2 figs. (in *Sesarma gracilipes*; New Guinea); 1905h, 402–403.—Plate, —, 187–191.—Pratt, 1900a, 646, 647 (key), 658.—Roewer, 1906, 207, fig. 4.—St.-Remy, 1898, 522, 524–525.—Schuberg, 1895, 180.—Semper, 1872, 304.—Vayssiere, 1892, July 4, 64–65; 23 pp., 1 pl. (on *Astacoides madagascariensis*); 1894, 16 Mar., 389.—Wacke, 1902, 34 pp.; 1903, 12 May, in 1–116, pls. 1–9, figs. 1–75; 1903, Aug., 2481; 1903, 17 Oct., 17–18; 1904, 17 May, 281; 1905, July, 64.—Weber, 1889, 1–20, 3 pls.

1887: *Temnacephale* Cosmovici, 1887a, 127 (for *Temnocephala*).

1888: *Temuocephala* Mont., 1888a, 50 (for *Temnocephala*).

1889: *Temoncephala* Mont., 1889, 107, misprint.

aurantiaca Haswell, 1900, 431, 433, pl. 22, fig. 3 (in *Astacopsis* sp.).

axenos Mont., 1898, —; 1899, 83, 84, 101, 102, 103, 104, 112, 114, 120, pl. 3, figs. 9, 10 (host not known; Brazil).—Cerf., 1899a, 448.

bifasciata Haswell.—Mont., 1889, 2.

brevicornis Mont., 1889, 1–4, figs. 1–3 (in *Hydromedusa maximiliani*, *Hydraspis radiolata*; Brazil (syn. *Pentadion emydum* Kroyer MS.)); 1892, 110; 1893, 8, 114; 1899, 72–127, 2 pls.; 1899, 72–122, pl. 3, figs. 1–8, 11–18, pl. 4, figs. 19–33 (in *Hydraspis gibba*; Brazil; *Hydromedusa maximiliani*, *H. tectifera*); 1903, 2.—Brand., 1891d, 21, 24, 25.—Braun, 1890a, 525, 547, 552.—Cerf., 1899a, 448.—Haswell, 1892d, 361; 1893e, 94, 103, 104, 105, 112, 141 (in *Hydrom. maxim.*, Brazil; *Hydraspis radiolata*); 1900, 433, 434.—St.-Remy, 1898, 528.

cæca Haswell, 1900b, 432, 433, pl. 22, fig. 4 (in *Phreatoicopsis* n. sp.; Victoria).

chilensis (Moquin-Tandon) E. Bl., 1849, 51–52, pl. 2, fig. 6 (“en las branquias de los cangrejos de Chile”).—Braun, 1890a, 499, 525, 547, 549; 1891d, 421.—Cerf., 1899a, 448.—Haswell, 1887a, 279, 284 (of Gay); 1893e, 96, 131, 140 (in *Æglea*; Chile).—Mason, 1875a, 336–337.—Mont., 1888a, 88 (of Blainv.); 1889, 2; 1889q, 125–133, figs. 1–13; 1889r, 9 pp., 13 figs.; 1891, 1892, 128, 129; 1890a, 500–501; 1891g, 44–45; 1892, Oct. 7, 186; 1893, 114; 1899, 72, 73, 76, 78, 79, 80, 81, 83, 84, 85, 93, 101, 102, 107, 108, 109, 111–113 (chilensis), 114, 120 (in *Æglea lævis*; Chile) (of Moquin-Tandon); 1899, 125–133, figs. 1–13; 1899, 9 pp.; 1903, 2.—Philippi, 1870, 35–40.—Plate, 1894, 686–687; —, 529–531; 1897, 213.—St.-Remy, 1898, 525.—Wacke, 1903, May 12, in 1–116, 9 pls., 14 figs.; 1903, 17 Oct., 17–18; 1905, July, 64.—Wood, 1875, 336–337.

chilinsis Mont., 1899, 113, for *chilensis*.

comes Haswell, 1893e, 96, 98, 100, 123, 134, 138, pl. 13, figs. 15, 16 (in *Astacopsis serratus*); 1900, 433.—Mont., 1899, 83, 110, 114, 121 (in *Ast. serr.*; Australia, N. S. Wales).—St.-Remy, 1898, 525.

dendyi Haswell, 1893e, 96, 97, 98, 99, 100, 102, 105, 111, 115, 116, 122, 123, 124, 125, 126, 130, 135–136, 144, pl. 10, figs. 8, 12, 17, 18, pl. 11, figs. 5, 6, pl. 12, figs. 7, 11, pl. 13, figs. 1–11 (in *Astacopsis bicarinatus*); 1900, 433.—Mont., 1899, 83, 84, 93, 110, 114, 121 (in *Ast. bic.*; Australia, N. S. Wales, Victoria).—St.-Remy, 1898, 527.

digitata Mont., 1903a, 309 (in *Palemonetes argentinus*); 1903, 3; 1905g, July, 64.

TEMNOCEPHALA—Continued.

- engæi* Haswell, 1893c, 97, 124, 139–140, pl. 13, fig. 20 (in *Engæus* fossor; Gippsland).—Mont., 1899, 83, 114, 121 (in *Engeus* fossor; Australia, Gippsland) (*engei*).—St.-Remy, 1898, 528.
- engei* Mont., 1899, 83, 114, 121 (for *engæi*).
- fasciata* Haswell, 1887a, 284, 285, 293, 296, pl. 20, figs. 1, 2, pl. 21, figs. 1–7, 9–13, pl. 22, figs. 1–7, 11–18 (in *Astacopsis serratus*; N. S. Wales) (286, *fasciatus*); 1888a, 50 (in *Ast. serr.*; N. S. W.); 1892d, 361; 1893e, 96, 98, 99, 100, 102, 104, 106, 107, 109, 110, 111, 115, 118, 119, 121, 122, 123, 124, 126, 131, 133–134, 135, 136, 137, 138, pl. 10, figs. 1–3, 5, 6, 13, 14, 15, 16, pl. 11, fig. 2, 3, 4, 7, 8, 9, pl. 12, figs. 1, 3, 4, 5, 6, pl. 13, figs. 12–14, pl. 14, fig. 1 (*Asta. serr.*); 1900, 433, pl. 22, fig. 5.—Brand., 1891d, 24.—Braun, 1890a, 409, 422, 465, 525, 547, 549.—Mont., 1888a, 53, 88; 1891, 1892, 129; 1893, 114, 1899, 83, 92, 93, 97, 99, 102, 103, 110, 114, 120 (in *Ast. serr.*; Australia, N. S. Wales).—St.-Remy, 1898, 525, 527.
- fasciatus* Haswell, 1887a, 286, for *fasciata*.
- jheringii* Mont., 1899, 79, 83, 84, 85, 109, 111, 112, 114, 120 (for *jheringii*).
- jheringii* Haswell, 1893e, 96, 100, 102, 112, 113, 121, 130, 137–138, 140, pl. 13, fig. 19, pl. 15, fig. 2 (in *Ampullaria*; Brazil).—Cerf., 1899a, 448.—Mont., 1899, 79, 83, 84, 85, 109, 111, 112, 114, 120 (*jheringii*) (in *Ampullaria* sp.; Brazil).—St.-Remy, 1898, 527–528.
- madagascariensis* Vayssière (1892), 64–65; 1894.—Braun, 1893b, 183.—Cerf., 1899a, 449.—Haswell, 1893e, 141 (in *Astacoides madagascariensis*).—Mont., 1899, 76, 79, 82, 83, 91, 93, 101, 103, 114, 115–116.—St.-Remy, 1898, 528–529 (on *Ast. mad.*; Madagascar).
- mexicana* Vayssière, 1898, 227–235, 1 pl. (on *Cambarus digneti*); 1898, 17–25, pl. 11.—Cerf., 1899a, 448.—Mont., 1899, 79, 83, 85, 101, 103, 106, 114, 120 (in *Camb. dig.*; Mexico).—Pratt, 1900a, 655, 657, 658 (key), fig. 1.
- microdactyla* Mont., 1903b, 1–3; 1905b, Jan. 31, 22 (in *Dilocarcinus septemdentatus*; Matto Grosso).
- minor* Haswell, 1887a, 284, 285, 296, pl. 20, fig. 4, pl. 21, fig. 8, pl. 22, fig. 9 (in *Astacopsis bicarinatus*; N. S. W.); 1888a, 50 (in *Ast. bicar.*; N. S. W.); 1893e, 95, 96, 98, 99, 100, 101, 102, 109, 110, 116, 121, 123, 126, 131, 134, 135, 136, 137, 139, 141, 142, 144, pl. 12, figs. 2, 8, 9, pl. 15, fig. 1 (in *Asta. bicari.*); 1900, 433.—Braun, 1890a, 525, 547, 549.—Mont., 1888a, 53, 88; 1889, 3; 1899, 83, 93, 99, 101, 110, 114, 120 (in *Ast. bicar.*; Australia, N. S. Wales, Victoria).—St.-Remy, 1898, 526–527, 528, 529.
- novæ zelandiæ* Haswell, 1888a, 50, for *novæ zelandiæ*.
- novæ-zelandiæ* Haswell, 1887a, 284, 293, 296, 298, pl. 22, figs. 10, 19 (in *Paranephrops setosus*; New Zealand); 1888a, 50 (in *Para. setosus*; N. Zea.) (*novæ zelandiæ*); 1892a, 459; 1893e, 96, 97, 98, 99, 100, 109, 110, 115, 116, 121, 130, 131, 138–139, 145, pl. 10, figs. 4, 7, 11, pl. 11, fig. 1, pl. 13, figs. 17, 18, pl. 14, figs. 2, 3 (in *Para. neozealanicus*, *P. planifrons*; New Zealand); 1900, 433.—Braun, 1890a, 525, 547, 550.—Gamb., 1896a, 54, figs. 20, 21.—Maclaren, 1904, 582, 583, 596.—Mont., 1888a, 98; 1889, 3; 1899, 83, 86, 92, 101, 103, 105, 109, 110, 114, 121 (in *Para. novæ-zelandicus*, *P. setosus*; New Zealand).—St.-Remy, 1898, 526 (*novæ-zelandiæ*).—Wacke, 1903, 12 May, 1–116; 1903, 17 Oct., 17–18; 1905, July, 64.—Ziegler, 1905, 40, fig. 4 (after Wacke, 1903).
- quadricornis* Haswell, 1887a, 284, 296, pl. 20, fig. 3, pl. 22, fig. 8 (in *Astacopsis franklinii*; Tasmania); 1888a, 50 (in *Asta. frank.*; Tasmania); 1893e, 96, 98, 100, 101, 102, 109, 110, 120, 121, 124, 131, 136–137, pl. 12, fig. 10, pl. 14, fig. 4 (in *Asta. frank.*; Tasm.); 1900, 433.—Braun, 1890a, 409, 525, 547, 549.—Mont., 1888a, 10, 53, 88; 1889, 3; 1899, 83, 101, 114, 117, 120 (in *Asta. frank.*; Australia, Tasmania).—St.-Remy, 1898, 526.
- semperi* Weber, 1889, —.—Braun, 1890a, 461, 466, 499, 525, 547, 550; 1890b, 126; 1898a, 1567.—Cerf., 1899a, 449.—Haswell, 1892a, 458; 1893e, 96, 97, 98, 99, 102, 112, 113, 115, 119, 122, 123, 128, 129, 130, 131, 138, 140 (in Philippines); 1900, 433.—Mont., 1891, 1892, 129 (*semperii*); 1893, 114; 1899, 73, 76, 77, 78, 79, 82, 83, 87, 91, 96, 99, 102, 103, 107, 108, 109, 112, 114, 121 (in *Telphusa* sp.; Philippine, Sonda).—St.-Remy, 1898, 528.
- semperi* Mont., 1892, 129, for *semperi*.
- tasmanica* Haswell, 1900, 430–431, 433, pl. 22, figs. 1–2 (in *Astacopsis tasmanicus*).
- tumbesiana* Wacke, 1903, 12 May, 1–116; 1903, 17 Oct., 17–18; 1905, July, 64.

TEMNOCEPHALÆ Mont., 1888a, 19, 88, 96, for Temnocephalæ.

TEMNOCEPHALÆ Haswell, 1892a, 457–460; 1893b, 191; 1893e, 93–152 (monograph); 1893f, 153, 154, 155, 157; 1894b, 256; 1900, 430–435, 1 pl. (Temnocephalæ).—Braun, 1890a, 517, 520, 523, 524.—Cerf., 1894, 946, 948; 1898b, 361.—Mont., 1888a, 19, 88, 96 (Temnocephalæ); 7, 9, 10, 11, 13, 15, 16, 17, 18, 19, 20 (Temnocephalæ); 22, 23, 26, 27, 28, 29, 31, 34, 36, 41 (Temnocepholæ), 42, 47, 52, 55, 59, 64, 67, 86, 88, 98, 108, 110.

TEMNOCEPHALIDÆ Haswell, 1888.—Braun, 1890a, 524; 1893a, 889.—Gamb., 1896, 53–55, 73.—Mont., 1888a, 25, 27; 1892, Oct. 7, 213 (fam. of Eterocotylea; contains Temnocephala); 1899, 116–122.—Pratt, 1900a, 646 (Temnocephalinæ, Actinodactynellinæ) 647 (key).—St.-Remy, 1898, 522, 524.

TEMNOCEPHALINÆ Mont., 1899, 118, 119.—Pratt, 1900a, 646 (Temnocephala, Craspedella, Dactylocephala), 647 (key).

TEMNOCEPHALOIDEA Mont., 1905, 403.

TEMNOCEPHOLÆ Mont., 1888a, 41 (for Temnocephalæ).

TENMOCEPHALÆ Mont., 1888a, 20 (for Temnocephalæ).

TERES SEU CYLINDRICA Gœze, 1782a, 41, 169, 173–176 (a “Klasse” of Planaria Gœze containing two “Gattungen”: 1. Gattung, simpliciporo, der Entenplattwurm, Weideeulewurm; 2. Gattung, duplici poro, Iltis-Plattwurm, Dachs-Plattwurm).

TERGESTIA Stoss., 1899, 11, 16 (type probably acanthocephala).—Braun, 1901b, 34.—Looss, 1899b, 580.—Pratt, 1902a, 888, 898.

acanthocephala (Stoss., 1887) Stoss., 1899, 16 (in *Belone acus*).

laticollis (Rud., 1819) Stoss., 1899, 16 (in *Trachurus trachurus*).

TESTUCARIA Rud., 1805a, 44, for Festucaria.

TETRACOTILE Erc., 1881e, 48–54; 1882a, 284–290, for Tetracotyle.

TETRACOTYLE Fil. [1854a, 23 (tétracotyle);] 1855, 351; [tld. typica]; 1855b, 11; 1857c, 15–21, 32, pl. 2, figs. 24–31.—Brand., 1888a, 13, 14, 15, 41, 51, 52; 1890a, 571, 574, 575, 577, 578; 1892, 511.—Braun, 1892a, 658, 744, 792, 793, 794, 795; 1893a, 843, 844; 1893b, 187; 1894, 166; 1894k, 680, 681, 682; 1895b, 132, 136; 1900a, 1680.—Claparède, 1858a, 99–105, pl. 8; 1859c, 92–96.—Dies., 1855a, 381, 388; 1858e, 313, 365 (mentions only 1 form, typica), 366.—Erc., 1881e, 48–54; 1882a, 284–290 (Tetracotile).—Gamb., 1896a, 64.—Hausmann, 1897b, 4, 7, 20, 22, 36, pl. 1, figs. 9–10 (sp. in *Cobitis barbatula*).—Hoyle, 1890, 539 (larva of Holost.).—Jackson, 1888, 652 (non-sexual form of Holost.), 653, 654.—Luehe, 1899, 525.—Mont., 1888a, 71, 91, 92, 94; 1891, 110.—Moul., 1856a, 94, 151, 224–225, 234, 274, pl. 5, fig. 1, pl. 7, fig. 19.—Pag., 1857, 53; 1857, 1, 245–246.—Stiles, 1901, 173, 174.—Tasch., 1878, 248 (of Grube, syn. *Pleurocotyle* Gerv. & Ben.).—Villot, 1898, 542.

acerinæ cernuæ Claparède (1857).—Dies., 1858e, 367 (syn. of *T. echinata*) (in *Leuciscus idus*, *Acerina cernua*).

colubri Linst., 1877, 192, pl. 14, fig. 22 (in *Coluber natrix*, *Vipera berus*).—Brand., 1888a, 42, 44, 45, 54; 1890a, 572, 574, 581.—Braun, 1892a, 793, 796; 1893a, 870, 901; 1894, 166–167; 1894k, 682.—Muehl., 1898, 16.—Sons., 1893, 185 (in *Tropidonotus natrix* Wagl.).—Villot, 1898, 542 (larva of Holost. variabile Nitzsch).—Reported also for *Pelias berus*.

crystallina Sons., 1893, 188, for crystallina.

crystallina (Rud., 1819) Linst., 1877b, 194–197; 1878a (Dist. crystallinum Rud., 1819, ex parte).—Braun, 1892a, 796; 1893a, 871.—Sons., 1893, 188 (crystallina) (in *Rana temporaria*).

cuticola (Nord., 1832) Kowal., 1902d, 23 (5) (in *Scardinius erythrophthalmus*); 1904, 25 (10).

cyprini idi Moul., 1856, 233.—Dies., 1858e, 366 (syn. of *T. typica*).

echinata Dies., 1858e, 367 (new name for *Distoma cyprini idi* (peritonei), see Duj.; and *T. acerinæ cernuæ* Claparède; in *Leuciscus idus*; Remi; *Acerina cernua*; Geneva).—Braun, 1892a, 796.—Reported also for *Idus melanotus*.

fœtorii Linst., 1876, 1–2, fig. 2 (in *Fœtorius putorius*).—Braun, 1892a, 796.

lenticola (Linst., 1878) Braun, 1892a, 600.

limnæi Pag., 1857, 32–33, pl. 3, figs. 15–18 (t. h. *Lymnæus stagnalis*).—Dies., 1858e, 366 (syn. of *T. typica*).

musculicola (Waldenberg, 1860) Braun, 1894, 167.

TETRACOTYLE—Continued.

- ovata* Linst., 1877b, 192–193, pl. 14, fig. 24.—Braun, 1892a, 600, 797; 1894, 166, 167; 1894k, 681, larva of *Holost. variegatum*, 682.—Mueh., 1898, 16.—Villot, 1898, 542 (larva of *Holost. variegatum*).—Reported for *Abramis brama*, *Acerina cernua*, *Blicca björkna*.
- perca* Mont., 1888a, 7, 30.
- perca fluviatilis* Moul., 1856, 230–234, pl. 7, figs. 11–14.—Braun, 1892a, 600, 796; 1893a, 870.—Linst., 1877b, 192, pl. 14, fig. 23.—Dies., 1858c, 366 (syn. of *T. typica*).—Piana, 1898, 10 pp.
- petromyzontis* Brown, 1899a, 489–498, pl. 39, figs. 1–11 (in *Ammocetes*).
- scombri* Grube, 1855a, 140, for ? *Octobothrium scombri* Nord. of Grube, 1855a (on *Scomber scomber*).—Tasch., 1878, 575 (to *Pleurocotyle*); 1879, 248.
- soricis* Linst., 1877b, 191 (in *Sorex vulgaris*).—Braun, 1892a, 797.—Reported for *Sorex tetragonurus*.
- typica* Dies., 1858e, 366–367 (new name for *Dist. tarda*, *Tetracotyle* Fil., *T. cyprini* idi, *T. perca fluviatilis*, *T. lymnæi*) (reported for *Mollusca*; in *sporotheiis* *Cercarie echinatae* (*Lymnæi stagnalis*), *C. armatae*, *C. echinatoidis* (*Paludinae achatinæ et viviparæ*), *C. vesiculosæ*, *Malleoli furcati*, *Lymnæus stagnalis*, *Planorbis cornuus*, *Paludina vivipara*, *Perca fluviatilis*, *Leuciscus idus*, *L. dobula*, *Cyprinus carpio*, *Anas boschas fera*).—Brand., 1888a, 17, 42; 1890a, 571.—Braun, 1892a, 797; 1893a, 844; 1894, 166.—Kowal., 1894, 2.—Leidy, 1891a, 416 (in *Lymnæa catascopium*, *Physa heterostrophæ*).—Linst., 1877, 193; 1894b, 328–332, figs. 1–8.—Mont., 1888a, 71.—Par., 1894, 166.—Reported also for *Idus melanotus*.

TETRACOTYLIDÆ Mont., 1892, 107, 108.—Braun, 1895b, 174.

TETRACOTYLINÆ Mont., 1892, 107.

TETRAONCHINÆ Mont., 1903, 336 (raised from subf. to fam. rank); 1905, 80.

TETRAONCHUS Dies., 1858e, 314, 379–380 (type probably monenteron by elimination; agrees with first species rule).—Ben. & Hesse, 1864, 121.—Braun, 1889k, 622; 1890a, 412, 413, 417, 465, 468, 511, 517, 518, 523, 542, 544; 1893a, 890.—Gamb., 1896a, 73.—Goto, 1893a, 798.—Hoyle, 1890, 539.—MacLaren, 1904, 574, 598, 599, 600, 601.—Mont., 1888a, 10, 13, 84, 86, 101; 1889, 113–116; 1891, 127–129; 1892, Oct. 7, 213 (gen. of *Gyrodactylinæ*); 1903, 336 (syns.: *Ancyrocephalus*, *Amphibdella*, *Dactylosdiscus*; subf. *Gyrodactylinæ*); 1905, 79, 80.—Pratt, 1900, 646, 654 (key to), 657, fig. 46.—St.-Remy, 1898, 524, 567.—Stoss., 1898, 17.—Tasch., 1879, 69; 1879, 263 (syns.: *Dactylogyrus* Wagener, *Gyrodactylus* Wedl).

benedeni St.-Remy, 1898, 566, 567, for *van benedenii*.

borealis (Olss., 1893) Mont., 1905, 79.

cruciatus (Wedl, 1857) Dies., 1858e, 381 (in *Cobitis fossilis*).—Braun, 1890a, 545, 549, 550.—Linst., 1878a.—Mont., 1889, 115, 116 (in *Cob. foss.*).—Pavesi, 1881, 616.—Tasch., 1879, 264 (syn. *Gyrodactylus cruciatus* Wedl) (in *Cob. foss.*).

monenteron (Wagener, 1857) Dies., 1858e, 380 (in *Esox lucius*).—Braun, 1890a, 520, 545, 549, 550.—Mont., 1889, 115, 116 (in *E. luc.*).—Olss., 1893, 7.—Par. & Per., 1890, 9.—Pratt, 1900a, 657, fig. 46.—Tasch., 1879, 263 (syns.: *Dactylogyrus* mon. Wagener, *Gyrodactylus cochlea* Wedl) (in *E. luc.*).

torpedinis (Chatin, 1874) Mont., 1890, 193; 1891, 1892, 109, 111; 1905, 79.

unguiculatus Mont., 1888a, 90 to (*Dactylogyrus*), for *unguiculatus*.

unguiculatus (Wagener, 1857) Dies., 1858e, 380–381 (in *Perca fluviatilis*, *Lucioperca sandra*).—Braun, 1890a, 545, 549, 551.—Hausmann, 1897b, 4, 7, 20, 23 (in *Luciop. sand.*).—Linst., 1878a.—Mont., 1888a, 90 (*unguiculatus*) to (*Dactylogyrus*); 1889, 113, 114, 115, 116 (syn. *Ancyrocephalus paradoxus* Crep.) (in *Luc. san.*, *Perc. fluvi.*); 1891, 1892, 109, 127, 129, pl. 6, figs. 40, 41.—Staff., 1905, 687 (in *Eupomotis gibbosus*; *Ambloplites rupestris*).—Tasch., 1879, 238, to (*Dactylogyrus*); 1879, 263–264 (syns.: *Dact. ung.*, *Gyrodactylus crassiusculus*, *Ancyrocephalus paradoxus*) (in *Perca fluvi.*, *Luc. sandra*).

van benedenii Par. & Per., 1890, 4, 12, 96–97 (8–9) (in *Mugil auratus*).—Braun, 1890a, 545, 549, 551.—Mont., 1905, 79.—Par., 1896, 2 (v. *benedeni*).—St.-Remy, 1898, 566, 567 (*benedeni*).—Stoss., 1898, 17 (in *Mugil auratus*; *Triest*).

TETRASTOMA delle Chiaje, 1833, 13 (type renale).—Andral, 1829d, 617.—Braun, 1893a, 884, 891, 892, 894; 1900a, 1681.—Burm., 1856a, 251.—Crep., 1841, 82.—Dav., 1877a, lxxx.—Dies., 1850a, 408, 597 (of Forbes & Goodsir, syn. of *Scolex Muelleri*); 1858e, 314, 367.—Goldb., 1855, 17.—Mont., 1888a, 89.

1850: *Tetrastomum* Dies., 1850a, 408, for *Tetrastoma*.

playfairii Forbes & Goodsir, (1839); 1840, 370; 1842, 370; 1846, 160.—Dies., 1850a, 599 (syn. of *Scolex aculepharum* Sars).—Mont., 1888a, 94.

renale delle Chiaje, 1833, 13, 116–117, pl. 2, fig. 13 (in *Homo*; Naples).—Aitken, 1866, 804, 841; 1872, 146, 206; 1874, 58.—Almeida Couto, 1872, 26.—R. Bl., 1888a, 597.—de Bonis, 1882, 180.—Braun, 1895b, 155.—Cobbold, 1866, 7; 1876, 211; 1879b, 36.—Crep., 1841, 82; 1846, 129.—Dav., 1877a, 296–297.—Dies., 1850a, 408 (in *Homo*; Naples); 1858e, 367.—Dunglison, 1893, 821, 1084.—Hackley, 1886, 519.—Kholodk., 1898, 26.—Leuck., 1863a, 527.—Moniez, 1896, 86, 152, 154.—Mont., 1888a, 89.—Tasch., 1879, 250.—Verrill, 1870, 171.—Weinland, 1859, 282.

TETRATHYRUS Crep., 1851b, 292 (m. *obesus*), *Dithyridium* and *Piestocystis* renamed.—See *Cestoda*.

1860: *Petrathyrus* Cobbold, 1860a, 42, misprint.

obesus Crep., 1851b, 292 (syns.: *Dithyridium lacertæ*, *Monost. lacertæ*, *Piestocystis dithyridium*) (in *Lacerta agilis*).—Dies., 1858e, 329 (syn. of *Monost. lacertæ* Gurlt, est *Piestocystis dithyridium*).

THAUMATOCOTYLE Scott, 1904, 278–279 (m. *concinna*).

concinna T. Scott, 1904, 278–279, pl. 17, fig. 15 (in *Trygon pastinaca*; Dornoch Firth); 1905, 118.

THECOSOMA Moq.-Tandon, 1860a, 342 (type *hæmatobium*) (= *Schistosoma* 1858, renamed because of *schistosoma*, a term in teratology).—Braun, 1903, 3 ed., 168 (syn. of *Schistosomum*).—Cobbold, 1879b, 39; 1885a, 498 (syn. of *Bilharzia*).—Huber, 1896a, 580 (syn. of *Bilharzia*).—Leuck., 1863a, 617.—Montgomery, 1906, Jan., 18 (*Thexosoma*); 1906, Feb. 12.—Simon, 1897, 99.—Stiles & Hass., 1898a, 94, 95 (syn. of *Schistosoma*).—See *Schistosoma*.

1906: *Thexosoma* Montgomery, 1906, Jan., 18, for *Thecosoma*.

hæmatobium (Bilharz, 1852) Moq.-Tandon, 1860a, 342.—R. Bl., 1888a, 636 (syn. *Bilharzia hæm.*).—Stiles, 1898a, 58.—Ward, 1895, 253 (to *Gynæcophorus*; *hæmatomuim*, misprint); 1895, 328 (in *Homo*); 1903, 872 (syn. *Schistosoma hæm.*).

THEXOSOMA Montgomery, 1906, Jan., 18, misprint for *Thecosoma*.

TISTOMUM Tasch., 1879, 65 (for *Tristomum*).

TOCOTREMA Looss, 1899b, 585, 586, 619 (tod. *lingua*) (ὁ τόκος, birth; τὸ τρῆμα, hole, sucker); 1900, 608; 1902m, 833, 835.—Braun, 1901i, 56.—Jægers., 1900, 736; 1901, 981; 1903a, 13, 14.—Luehe, 1900, 557.—Odhn., 1900, 21, 22.

concarum (Crep., 1825) Looss, 1899b, 586.—Jægers., 1903a, 3, 4, 5, 11, 13.—Kowal., 1902d, 26 (8).—Type of *Cryptocotyle* 1899.

expansum (Crep., 1842) Jægers., 1901b, 979–983, 1 fig.; 1902a, 356–357; 1903a, 1.—Looss, 1902m, 706.—Odhn., 1902, 45.—Type of *Scaphanocephalus* 1903.

jejunum Nicoll, 1907, 248, 257–259 (in *Totanus calidris*).

lingua (Crep., 1825) Looss, 1899b, 586.—Jægers., 1900, 736; 1901, 979, 981; 1903a, 2, 3, 4, 5, 6, 8, 9, 10, 11, 13.—Kowal., 1902d, 27 (9).—Nicoll, 1906, 514, 519 (in *Larus argentatus*).—Odhn., 1902, 45.

muehlingi (Jægers., 1898) Looss, 1899b, 585.

TOCOTREMINÆ Jægers., 1903a, 14.

TROCHOPUS Ben., 1858a, 1861a, 11, for *Trochopus*.

TREMATODA [order of worms] Rud., 1808a, 199; 1809a, 5–6, 20–23, 325–457; 1819a, 82–126, 337–439, 674–688.—Aitken, 1866, 804, 836–842.—Anacker, 1891a, 127; 1892c, 94.—Andral, 1829c, 506, 512; 1829d, 617, 624, 633.—[Assenova, 1899, 82–83.]—Ballowitz, 1900, 442–448.—Bellingham, 1844, 335.—Ben. & Hesse, 1862a; 1864a–c; 1865a (marine).—Bettend., 1897b, 307–358, pls. 28–32, figs. 1–42 (muscles and sense cells).—Biehringer, 1884a, 26 pp. (anat. develop.); 1884b, 1–28, pl. 1, figs. 1–28; 1888a, 230–235; 1889a, 648–655.—R. Bl., 1886a, 313, 338.—Blochmann & Bettend., 1895a, 216–220, figs. 1–5.—Bos, 1894, 240.—Brand., 1892a, 558–577 (finer structure), pl. 22, 22 figs.—Braun, 1883a, 36, 37; 1889a, 209–400, figs. 1–5, pls. 6–8; 1889k, 620–622; 1890a, 401–560, pls. 9–17; 1890c, 43 (position of excretory pore); 1892a, 561–816, pls. 18–31,

TREMATODA--Continued.

- figs. 1-23; 1893a, 817-926, pls. 32-34, figs. 24-36; 1895b, 5, 6, 120; 1896b, 7 pp., 1 pl., 8 figs.; 1897d, 109-111; 1901d, 258-260.—Bremser, 1824, 131-132.—Brongniart, (1880a).—Buetschli, 1879a, 588-589, 1 fig.—Burman, 1837a, 528; 1856a, 205, 239-252.—Carus, 1863, 476-477.—Cerf., 190—, —.—Cobbold, 1862a, 24-33, 1 pl., figs. 1-7; 1879b, 4, 14-56.—Cohn, 1902d, 712-718, figs. 1-9; 1902e, 842-843; 1902h, 877-882, 5 figs.; 1903, Apr. 28, 223; 1903, May 30, 34-42; 1903, June 18, 155; 1904, May 17, 278; 1905, July, 56-57; 1905, July, 63.—Cosmovici, 1887a, 121-131.—Crep., 1825, 80-81; 1837a, 309; 1839a, 277.—Deslongchamps, 1824ff, 743.—Dies., 1850a, 287-288 (subo. of Myzelmintha), 304-414, 472-473; 1855c, 59-70, pls. 1-3 (19 species); 1855d, 163; 1856c; 1858e, 307-390 (type of Myzelmintha aprocta).—Dunglison, 1893a, 1174.—Eichhorst, 1901a, 301.—Eiss, 1838a, 20.—Fischer, 1840, 156.—Gerv., 1873, 51-55.—Giard, 1903, 1225-1226 (in pearl formation).—Goldb., [1855a], 16.—Graeffe, 1860a, 47 (Trematoda).—Gurlt, 1831, 369.—Hahn & Lefèvre, 1884a, 515-549.—Hoyle, 1888a, 535-540, figs. 1-4; (1888b); 1890, 49, 54, 535-540.—Huber, 1894a, 283-287 (bibliography, clinical); 1896, 502, 574.—Ijima, 1889, 97.—Jackson, 1888, 642, 643, 653, 654, 658.—Johnstone, 1907, 170, 177-192.—Joy, 1835a, 504.—Kerbort, 1878a, 271-273; 1881a, 529-578, pls. 26-27, figs. 1-21.—Kholodk., 1898, 2, 23; 1899a, 146-153, 158.—Kolenati, 1857, 11.—Kueh., 1852, 149.—Lampert, 1898a, lxxxii-lxxxiii.—Lankester, 1882b, 227-331, 2 figs.—Lawson, 1861a, 216-223 (affinities); 1861b.—Leuck., 1830a, 612; 1842, 5; 1863a, 448; 1879, 123; 1886, 93, 104.—Linst., 1873i, 51-55; (1877a), 13-14; 1879b, 317; 1883b, in 623-663; [1883b].—Looss, 1892a, 72.—Luehe, 1901, 488.—Maclaren, 1904, 573-618, 3 pls., figs. 1-33 (2 species); 1905, Jan. 31, 20-21; 1905, June, 317.—Manson, 1901, 538-544.—Mayer, 1841, 4, 23, 25.—Milner, 1858, 9.—Mlinarich, 1832, 13.—Mol., 1858, 127; 1861, 191.—Mont., 1888, 83, 84; 1893, 427.—Mueh., 1896, 588-590; 1896; 1897, 243-279, pls. 16-19, figs. 1-17.—Nicoll, 1906, v. 17, 513-527, 2 pls.; 1906, Aug., 445.—Nitzsch, 1819, 397.—Nord., 1840, 596.—Oppenheim, 1900, 181.—Pag., 1857, 56 pp. (larvæ); 1859, 42-46; 1889a, 1-208.—Poir., (1885), 465-624, pls. 23-34; 1885; —, 25-29.—Pratt, 1900a, 645-662, figs. 1-50 (monogenetic, keys); 1900b; 1900, Sept. 7, 371-372; 1902a, 887-910, 953-979, figs. 1-130 (digenetic, keys); 1902; 1905, July, 63.—Ramsey, 1879.—Rawitz, 1898, v. 3, 1409-1410.—Roger, 1901, 94.—Rolleston, 1870, 140, 141, 142, 143.—Schneider, 1866, 13, 325, 337.—Scott, T., 1901, 141.—Sieb., 1850, 668.—Sons., 1893, May 16, 496, 500; 1893, Dec. 2, 742; 1894, Oct. 26, 756.—Staff., 1900, v. 13 (5), 399-414, pl. 26, figs. 1-6.—Steenstrup, 1860, v. 1 (1-6), 112-113.—Stiles, 1896, 206; 1898a, 21, 22, 27.—Tasch., 1879, 232, 233, 234.—Tschudi, 1837, 19.—Tyson, 1903, 3 ed., 1180-1181.—Vaillant, 1879, 108 pp., 55 figs.—Verrill, 1870, 165-166, 173, 175, 176, 177, 178, 179, 213.—Villot, 1882, 505-508.—Wagener, 1883, 120-122.—Wallenstedt, 1847, 6.—Ward, 1895, 238; 1903, 860-873, figs. 4772-4795; 1905, v. 12 (1-2), Jan., 24.—Weinland, 1859, 280.—Wernicke, 1892, v. 15 (6), June, 337-347, 1 pl., figs. 1-22.—Will.-Suhm, 1870, 29 pp., pls. 11-13; 1871, v. 21 (2), June 15, 175-203, pls. 11-13; 1873, v. 2, 51-55.—Zeller, 1872, 1-24; 1872, 168-180; 1873, v. 2, 51-55.—Ziegler, 1895, 549-552, figs. 420-425.—Zuern, 1882, 113, 202.
- , ANATOMY OF: Biehringer, 1884a, 26 pp. (and development); 1884b, 1-28 (and development); 1888a, 230-235 (and development); 1889a, 648-655 (and development).—Goto, 1891c, 103-104.—Looss, 1893a, 10-34; 1893c, 637.—Macé, 1881, Feb. 21, 420-421; 1884, Apr., 354-355 (segmental organ).—Mont., 1888, 130 pp.; 1888, July 19, 120-122.—Pachinger, 1888, 18 pp., pls. 2 (and physiology).—Walter, 1858, 269-297, pls. 11-13 (and histology); 1893, Oct., 636-637.—Wedl, 1857, v. 5 (26), 241-278, pls. 1-4; 1858, 242.—CIRCULATORY APPARATUS (see also excretory): Ben., 1852a, 573-589, figs. 1-2; 1852b, 23-33; 1852c, Sept. 22, 305.—Villot, 1876, v. 82 (23), June 5, 1344-1346; 1882, v. 5 (121), Sept. 25, 505-508.—EPITHELIUM: Blochmann, (1896a), 16 pp., 2 pls.; 1896b, 821-823.—Hein, 1904, 546-585, 3 pls.; 1904, Dec., 655; 1905, Jan. 31, 17-18; 1905, 350-352.—Maclaren, 1903, June 15, 516-524, figs. 1-6; 1904, May 17, 279-280.—EXCRETORY SYSTEM (see also circulatory): Ben., 1882b, 14-18, 2 figs. (and body cavity).—Buetschli, 1879a, 588-589, 1 fig.—Bugge, 1902, 177-234, pls. 21-24; 1905, (July 3), 25-26.—Fraip., 1880a, 397-402; 1880b, 106-107, 265-270; 1880c, 415-456, 1 fig., pls. 18-19; (1881a), vii-x, xxii-xxiv; 1881b, 1-40, pls. 1-2, figs. 1-2; 1881c, 602-604; 1883a, xxxi-xlii.—Kampmann, 1894a, 443-462, pls. 19-20, figs. 1-23; 1894b; 1895a, 843-844.—GENITAL SYSTEM: Darr.—Linst., 1873e, 95-108, pl. 5, figs. 1-6; 1873f, 231-232.—Looss, 1893b, 808-819, figs. 1-4.—Stieda, (1871), (1) 7, 31-40.—MUSCULATURE: Bettend., 1897a, 54 pp., 1 fig., 5 pls., figs. 1-42 (and sense cells); 1897b, 307-358,

TREMATODA—Continued.

- 1 fig., pls. 28-32, figs. 1-42 (and sense cells).—Blochmann & Bettend., 1895a, 216-220, figs. 1-5 (and sense cells); 1895, 535-536 (and sense cells).—Cerf., 1894g, 949-954, figs. 1-3 (striated); 1894h, 174; 1894i, 571-572; 1895c, 21.—NERVOUS SYSTEM: Gaffron, 1883a, 508-509; (1884a), 109-115, pl. 17; 1885, v. 3, xxvii-xxix.—Havet, 1900b, 351-381, pls. 1-4, figs. 1-28; 1904, v. 2 (3), Dec., 21.—Jammes, 1895a, 268-270; 1895b, 493-494.—Ssinitzin, 1904, July 26, 767-777; 1904, Oct., 532.—Tasch., 1878, v. 51, 3 F, v. 3, 698-699.
- , CALCAREOUS CORPUSCLES OF: Claparède, (1857a), in 99-105; 1859c, in 92-96.
- , CLASSIFICATION OF: R. Bl., 1888a, 541, 570, 585, 587, 597, 632, 636, 652, 653.—Cosmovici, 1887a, 121-131; —, 10 pp.—Mont., 1892, Oct. 7, 213.—Pratt, 1900a; 1902a.—Tasch., 1879, v. 52, 3 F, v. 4, 232-265 (mogenetic).
- , DEVELOPMENT OF: Ben., 1868a, in 4-7 (egg).—Crety, 1892a, 92-97 (egg); 1892c, 396-399.—Erc., 1881, 434-436; 1881, 892-893; 1881e, 98 pp., 3 pls.; 1881f, 28-37; 1882, v. 3, 1-71, pls. 3; [1882a], 239-334, pls. 1-3; 1882b, 37-46; 1882c, 43-111, 3 pls.; 1882d, 439-453, figs. 1-27.—Dowker, 1882a, 8-14, pls. 1-2, figs. A-E.—Fil., 1854a; 1854b; 1855a; 1855b; 1855c; 1857b; 1857c; 1859a.—La Valette, [1855a], 38 pp., 2 pls.; 1859a, 55-57.—Mont., 1891, —; 1892h, 148-150 (spermatogenesis); 1892, v. 9 (3), 112-118, (4), 121-149, pls. 8-9; 1892, 35, 1 pl.; 1892k, 5-8 (egg); 1892l, 3 pp.; 1892, Oct., 618.—Moul., 1855, Apr., 465-467.—Pag., 1881, v. 3 (1), 33-56.—St.-Remy, 1892, 184-188, 10 figs.—Schauinsland, 1883, 465-527, pls. 19-20; 1883, 63 pp., 3 pls.—Schwarze, 1885, 47 pp., 1 pl.; 1885, Dec. 31, 41-86, pl. 3.—Will.-Suhm, 1873, 332.
- , ECTOPARASITIC: Braun, 1889k, 620-622 (excretory pore); 1890c, 43; 1890e, 594-598 (skin).—Dieckhoff, 1891a, 245-276, pl. 9, figs. 1-19; 1892, 485-486.—Goto, 1894a, 1-273, pls. 1-27 (Japan); 1894b, 1-273, pls. 1-27 (Japan); 1894c, 1017-1018 (Japan); 1895a, 386-390 (Japan); 1895b, 244 (Japan); 1895c, 37 (Japan); 1896a, 351-352 (Atlantic Coast of U. S. A.); 1899a, 263-295, pls. 20-21, figs. 1-31; 1899b; 1903a, 109.—Par. & Perugia, 1889, v. 7 (27), Oct. 10, 740-747; v. 12 (v. 22), 86-112.—Tasch., 1878, Sept. 30, 176 (genital organs); 1878, v. 51, 3 F, v. 3, 701; 1879, v. 14 (3), 293-343, pls. 1-2 (marine); 1879, 25-76, pls. 3-4; 1879, 52 pp., 2 pls.; [1879], 19-20.—Vogt, 1877, v. 30 (2), May, 306-342, pls. 14-16 (genital organs); 1877, v. 6, 363-376.
- , ENDOPARASITIC: Braun, 1893d, 465-468.—Villot, 1875, Oct., 302-304 (marine); 1875, v. 3, 55; 1875, v. 81, 475-477; 1878, v. 8, 40 pp., pls. 5-10; 1879, v. 8.
- , GEOGRAPHIC DISTRIBUTION: Lebour, 1905, 100-105, 3 pls. (Northumbria).—Levin., [1881a], 52-84, pls. 2-3 (Greenland); [1881b].—Lint., 1883a, 274-314, pls. 6-9, figs. 1-52 (Turkestan); (1883b); 1886c, 40 pp., figs. 1-55 (Turkestan).—Looss, 1899b, 521-784, figs. a-b, pls. 24-32, figs. 1-90 (Egypt); 1900a, 390-401 (Egypt); 1900b, 458-466 (Egypt); 1900b, 458-466 (Egypt); 1902e, 637-644 (Triest), figs. 1-4; 1902f.
- , HISTOLOGY: Brand., 1891d, 30 pp.; 1892a, 558-577, 22 figs.—Gronkowski, 1902a, 510-536, figs. a-c, pl. 13, figs. 1-16; 1903a, 897-898; 1905, July, 49-50.—Schuberg, 1895, 431-432; (1895), 165-188, pl. 10; 1905, July 13, 23-24.
- , IN COLLECTIONS: Sons., (Pisa Museum), [1890], v. 7, 137-143; [1890], v. 7, Nov. 16, 173-178; 1891, Mar. 2, 290; [1893], Feb. 5, 183-190; 1893, Oct. 28, 566-567.
- , IN VARIOUS ANIMALS: AMPHIBIA: Castle, 1900a (in Rhynchobdellidae).—Hol-lack, 1905, Feb. 18, 199-200; 1906, Jan. 30, 41 (Rana esculenta).—Macé, (1880), 61-89, pls. 1-4 (frogs); (1882), 32 pp., 4 pls. (frogs).—Vaillant, 1863, v. 4, Jan., 5-6 (Siren lacertina).
- , IN BIRDS: Bonnet, 1883a, 90-95 (Gallus gallus).—Braun, 1901c, 12-19, figs. 1-4; 1901f, 560-568 (revision); 1901g, 895-897, 941-948 (revision).—Hausmann, 1899a.—Kowal., 1898e, 412 (ducks).—Lint., 1888b, 367-369, 1 fig. (in hen's egg); 1888c, 51 (in hen's egg).—Rail., 1898, 412 (ducks); 1900, Mar. 16, 239-242 (hepatic); 1900, Oct., 514; 1901, Dec. 31, 986-987.
- , IN CRAYFISH: Lint., 1892c, 69-70.—Wright, 1884, Apr., 429-430.
- , IN CANADIAN VERTEBRATES: Staff., 1905, 681-694.
- , IN MAMMALS: Braun, 1901e, 311-348.
- , in *Castor fiber*: Bojanus, 1817b, 270-277.
- , in *Chiroptera*: Braun, (1900b), 217-236, pl. 10.
- , in *Bos taurus*: Giard & Billet, 1892a, 613-615 (Tonkin); 1893a, 245 (Tonkin).—Hedley, 1881a, 374-375 (lungs); 1881b, 399-400; 1881c, 27-28.—Littlewood, 1887a, 546.—Stiles, 1898a, 161 pp., 124 figs. (and sheep and swine).
- , in *Equus caballus*: Adams, 1876, 764-765 (liver).

TREMATODA—Continued.

- , in *Ovis aries*: Penberthy, 1897, Apr., 238–251.—Sargent, —, Feb., 273
- , in *Elephas indicus*: Cobbold, 1869b, 48–49; 1869c, 47–49.
- , in *Rodentia*: Leidy, 1888e, 126 (muskrat); 1889h, 612 (muskrat).
- , in *Homo sapiens*: Allen, 1881b, 257 (liver).—Ariola, 1905, 607–609.—Busetto, 1862a, 69 (ear).—Cobbold, 1875i, 423; 1875k, 780–781; 1876h, 209–212.—Fagge & Pye Smith, 1902, 4, ed., 475.—Grall, 1887a, 459–470, 4 figs.—Greef, 1903, 171–172 (and fish: in lens); 1905, Nov. 23, 1909; 1905, Dec. 14, 852; 1906, Jan. 1, 25–26.—Stiles, 1904i, 66 pp., figs. 9–88, pls. 1–3, figs. 1–8 (key).—1904k, 162; 1905p, 529; 1906, Jan. 30, 43.
- , IN MOLLUSKS: Leidy, 1877e, 200–202.—Pelseneer, 1900, 262–263 (marine).
- , in *Cardium edule*: Lebour, 1904, 82–84, 1 pl.—Nicoll, 1906, 148–155, 1 pl., 6 figs.; 1906, June 20, 313.
- , in *Ostrea*: Tennent, 1906, Aug., 445; 1906, 635–690, 4 pls.
- , IN FISH (*Pisces*): Ben., 1856d, 502–508, 1 pl., figs. 1–4 (*Sciaena aquila*); (1857g), 142–143 (*Sciaena aquila*).—Ariola, 1899a, 10 pp., pl. 5 (marine); 1899, 129–138, 1 pl.; —, 299.—Hausmann, 1896a, 389–392 (fresh water); 1896b; 1897a, 1–42, figs. 1–12; 1897b.—Lint., 1898c, 507–548, pls. 40–54.—Luehe, 1900w; 1900cc, 677.—Maclaren, 1903, 260–262 (Naples).—Marshall & Gilbert, 1905a, 477–488, figs. 1–14 (*Micropterus*); 1905b, 703.—Pavesi, 1881, v. 14, 615–616.—Par. & Perugia, 1890, v. 1, 59–70 (gills, Italian); 1890, Aug. 29, 310; 1890, 16–32, 2 pls. (Adriatic); 1895, (31); 1895, July 22, 341 (marine); 1896, 135–138 (*Brama raji*); 1896, 2 pp.; —, 653.—Par. & Perugia, 1889–1890, v. 4 (19), 16–32, 2 pls.; —, v. 7 (24), June 6, 774–777.—Sons., 1890, Nov. 16 (*Pagrus orphus*).—Staff., 1904, May 3, 481–495 (Canadian); 1904, Aug. 17, 417; 1906, Jan. 30, 42–43.—Studer, 1884, v. 2 (1083–1091), 11.
- , IN REPTILES: Braun, 1899b, 714–725; 1899e, 627–632; (1901a), 58 pp., 2 figs., pls. 1–2, figs. 1–32; 1901b, 58 pp., 2 figs., 2 pls., figs. 1–32.—Looss, 1901l, 555–569, 618–625; 1902m, 411–894, figs. A–B, pls. 21–32, figs. 1–181 (Egyptian *Chelonia*); 1904c, 25–32; 1905l, 60–61.—McAlpine, 1891, Apr., 40–43 (copperhead).—Odhn., 1902, 19–46.—Sons., 1893, Oct. 2, 637 (and amphibians).
- , LARVÆ OF: Fil., 1856b, 83–86; 1857a, 129–132; 1858a, cxlvii.—McIntosh, 1861, in 4 pp., 9 figs. (in *Carcinus mænas*); 1865, v. 5, 201–204, figs. 1–9.—Moniez, 1891, Oct., 22–25.—Sons., (1897), v. 10, 249–253.
- , MONOGENETIC: St.-Remy, 1891, 405–416, pl. 10, figs. 1–40, 449–457; 1891, 1–21, 90–107; 1892, 136–145, 184–191, 224–230, 253–265, pl. 10; 1892, 92 pp., pl. 10, 40 figs.; 1898, 521–571, figs. 1–6.
- , NEW SPECIES OF: Brand., 1895b, 635.—Braun, 1892f, 44–52.—Fuhrmann, 1904, Sept. 23, 58–64; 1904, Nov., 229; 1905, June, 187; 1906, Jan. 30, 41.—Kuhn, 1829b, in 357–368, pl. 17 bis, figs. 1–17.—Linst., 1885b, in 235–255, pls. 13–15, figs. 1–31; 1886f, 249.—Macdonald, 1877, Jan., 209–212, figs. 1–15 (n. g.); 1877.—Poir., 1886, v. 10, 20–40, pls. 1–4, 30 figs.—Setti, 1891, 7 pp.
- , REPRODUCTION OF: Brand., 1891b, 264–267.—Linst., 1872a, 1–5, pl. 1, figs. A–C; 1872f, 99–112.—Moul., 1855; 1856, v. 3, 7–278, pls. 4–9.
- , TREATMENT: French, 1896a, 643–644.
- , *acotylea* Dies., 1858e, 311, subtribe.—Tasch., 1879, 234.
- , *cotylophora* Dies., 1858e, 312, 329, subtribe.—Mont., 1892, Oct. 7, 196.—Tasch., 1879, 234.
- , *monogenea* Tasch., 1879, 235.
- , *plectanophora* Dies., 1858e, 314, 374, subtribe; 1859c, 439.

TREMATODA Paul, 1860, 19.

TREMATODES, see Trematoda.

TREMATODUM, sometimes used in a collective generic sense, without definite generic position.—Leydig, 1853, 382, pl. 14, fig. 6, teste Dies., 1858e, 316 (syn. of *Tylodelphys craniaria* Dies.).

cancri locustæ (Rud., 1810) Linst., 1878a, 315 (in *Palæmon locusta*).

ranæ Valentin, 1843, 91, teste Dies., 1850a, 472.

salmonis lavareti Linst., 1878a, 266 (in *Cøregonus wartmanni*; Greenland), based on Fabricius, —, 269.

talpæ cœcæ Dies., 1850a, 472 (in *Talpa cœca*).—Linst., 1878a, 18 (in *Talpa cœca*).

wachniæ (Rud., 1819) Linst., 1878a, 238 (in *Gadus wachnia*), based on Tilesius, 1810, 472.

TREMATOIDEA delle Chiaje, 1825a, 12.—Almeida Couto, 1872, 4, 7, 19.—Eichwald, 1829a, 247.—Guenther, 1858, 203–204.—Kuehn., 1855, 7, 179.—Swart, 1862, 5, 33.

TRICHODA Mueller.—Nitzsch, 1827, 69, contains *Cerc. setifera*.

TRICOTYLEA Dies., 1850a, 290, 425, subtribe of Polycotylea to contain Nitzschia, Phylline, Udonella, Encotyllabe, Trochopus, Tristomum; 1858e, 313, 362.—Brand., 1888a, 15.—Braun, 1890a, 515.—Goldb., 1855, 19.—Mont., 1888a, 84.—Tasch., 1878, 564, 565; 1879, 233.

TRIPOS Bory St. Vincent, 1823b, 356, genus of Cercariées.

TRISSICHYA Cosmovici, (1887a) (contains Epibdella, Tristomum, Udonella).—Mont., 1888a, 84.

TRISTOMA Cuv., 1817, 42–43 (m. coccineum).—Baer, 1826a, 125, 126; 1827, 675.—Bell, 1891a, 534–545 (n. sp. from *Histiophorus brevirostris*).—Ben., 1858a, 1861a, 11, 38, 168.—Ben. & Hesse, 1864, 61, 65, 66, 76–77.—Bettend., 1897a, 17; 1897, 321.—Bl., 1847, 321.—Brand., 1894a, 308.—Braun, 1889k, 621; 1890a, 411, 412, 415, 420, 427, 430, 450, 451, 453, 454, 455, 461, 463, 464, 465, 468, 471, 473, 474, 479, 481, 482, 483, 484, 490, 491, 511, 515, 516, 517, 518, 519, 523, 526, 527, 528; 1891d, 422; 1893a, 889.—Bremser, 1824, 134.—Burm., 1837, 530; 1856a, 251.—Carus, 1863, 477.—Cerf., 1899a, 422, 435.—Cobbold, 1877, 238; 1879b, 5, 41.—Cosmovici, 1887a, 128.—Crep., 1837, 323; 1839, 289, 291.—Deslongchamps, 1824mm, 754; 1830h, 392.—Dies., 1835, 10; 1836a, 1–16, pl. 1 (monograph); 1836b; 1838, 77–89; 1839a, 234; 1850a, 290, 428–431 (syns. *Capsala* Bosc, *Phylline* Oken), 425 (of Nitzsch, syn. of Nitzschia), 426 (of Rathke, syn. of Phylline), 427 (of Nord., syn. of Encotyllabe Dies.), 428 (of Dies., syn. of Trochopus); 1858e, 313, 365 (syns. *Capsala*, *Phylline*).—Duj., 1845a, 321–322.—Eichwald, 1829a, 249.—Fischer, 1840a, 158.—Gamb., 1896a, 73.—Goldb., 1855a, 20.—Goto, 1891a, 161, 184; 1893a, 798, 799; 1894a, 237.—Haswell, 1887a, 286, 291; 1892a, 459; 1892b, 150; 1893e, 114, 118, 122, 144.—Héumont, 1827, 9.—L'Herminier, 1826, 10.—Hoyle, 1890, 535, 539 (all parasitic on fishes).—Ijima, 1884a, 638.—Jackson, 1888, 642, 643, 644, 646, 647, 648, 653.—Johnston, 1865a, 33.—Joy, 1835a, 504.—Kerbert, 1881a, 544, 554, 572.—Leuck., 1863a, 457, 461, 462, 463, 464, 465.—Looss, 1892, 72; 1894a, 145, 146.—Massa, 1906, 43, 45, 48; 1906, 51 (of Tasch., syn. of *Trochopus* Dies.).—Mont., 1888a, 10, 11, 13, 23, 26, 30, 32, 37, 42, 45, 50, 53, 54, 56, 57, 58, 59, 60, 65, 83, 84, 86, 87, 97; 1889, 117, 118; 1891, 1892, 101, 103, 104, 105, 106, 107, 108, 111, 116, 119, 120, 123; 1892, Oct. 7, 180, 213 (gen. of *Tristominae*); 1893, 75; 1899, 96, 97, 98, 99, 100, 101; 1903, 335 (fam. *Tristomidae*; subf. *Tristominae*).—Moul., 1856a, 10.—Nitzsch, 1826, 150 (also *Tristomum*).—Nord., 1832a, 60.—Par. & Perugia, 1890, 13.—Pratt, 1900, 646, 649, 655, 658, fig. 9.—Rud., 1819a, 123, 427–428, 584.—St.-Remy, 1891, 1072–1074 (genital organs); 1892, 702; 1898, 534.—Schneider, 1866, 334.—Scott, T., 1901, 144.—Setti, 1899, 117–125, figs. 1–3, 1899; 71–84 (revision); 1899, 7 pp.; 1899, 5 pp.; 1899, 9 pp., 3 figs.—Stoss., 1898, 5.—Tasch., 1878, 176; 1878, 563, 564, 565, 566 (syns. *Capsala*, *Phylline*, *Hirudo*, sp. *Abildg.*, *Nitzschia* Baer); 1879, 30, 32, 33, 34, 36, 37, 41, 43, 44, 50, 57, 58, 60, 62, 64, 65 (*Tistomum*), 68, 70, 71; 1879, 233, 236, 238.—Wallenstedt, 1847, 7.—Ziegler, 1883, 552.

1826: *Tristomum* Nitzsch., 1826, 150, for *Tristoma*.

1879: *Tistomum* Tasch., 1879, 65, misprint.

1888: *Tristomun* Mont., 1888a, 28, misprint.

1899: *Tristomum* Setti, 1899, 84, misprint.

aculeatum Couch, —.—St.-Remy, 1898, 535 (= *T. molæ*).—Setti, 1898, 311 (syn. of *rudolphianum*).—Tasch., 1878, 570.

biparasiticum Goto, 1894a, 251–253 (in *Parapetalus*, *Thynnus albacora*; Misaki, Japan); 1899, 272.—Mont., 1899, 86, 89.—Setti, 1898, 311; 1899, 80; 1899, 124.—St.-Remy, 1898, 539.

blanchardi Tasch., 1878, 567, for *blanchardii*.

blanchardii Dies., 1850a, 430 (in *Squalus* sp.; New Zealand) (*T. squali* Bl., renamed).—Mont., 1891, 1892, 101, 103, 123.—Setti, 1898, 311 (*blanchardi*).—Tasch., 1878, 564, 567 (*blanchardi*).

cephala Risso, 1826, 262–263 (t. h. *Tetraodon luna*; Europe).—Dies., 1850a, 431.—Kroyer, 1852–53a, 745 (*cephalo*) (in *Orthogoriscus mola*).—Linst., 1878a.—Setti, 1898, 311.—St.-Remy, 1898, 535 (= *T. molæ*).—Tasch., 1878, 564 (*cephalo*).

TRISTOMA—Continued.

cephalo Kroyer, 1852-53a, 745.—Tasch., 1878, 564.—For cephalo.

coccineum Cuvier, 1817, 42-43, pl. 15, fig. 10, pl. 36 bis, figs. 1-3 (in la mole, le xiphias, etc.).—Bell, 1891a, 534, 535.—Ben., 1858a, 1861a, 37, 189.—Ben. & Hesse, 1864, 61, 76, 77 (coccinea).—Blainv., 1828a, 569 (to Capsala).—E. Bl., 1847, 322-325, pl. 14, fig. 2.—Braun, 1890a, 407, 420, 427, 458, 459, 487, 529, 547, 552; 1891d, 422.—Bremser, 1824, 134; 1824c, pl. 10, figs. 12-13.—Burm., 1837a, 530.—Costa, 1846a, 54.—Crep., 1837, 323; 1839, 289.—Dies., 1836a, 11-12, pl. 1, figs. 1-13; 1850a, 429 (of Cuv., includes T. coccineum of Cuv., Guérin, Gray, Costa, 1846, Bl.; Capsala coccinea Blainv., Moquin-Tandon; T. integrum Dies.) (on Xiphias gladius); 1850a, 429 (of Rud., 1819a, 123, 427, pl. 1, figs. 7-8, renamed T. rudolphianum; includes also T. coccineum of Brem., Nitzsch, Dies., Duj., Yarrell, Cuv., pl. 36 bis, figs. 2-3; Phylline coccinea Schweigger, Capsala coccinea Blainv., Nord.; Trist. molæ Bl.) (in Orthogoriscus mola).—Duj., 1845a, 322-323.—Goto, 1899, 272.—Gray, —, pl. 9, fig. 10.—Johnston, 1865a, 33.—Juel, 1889, 37.—Kerbert, 1881a, 533.—Kœlliker, 1849, 21, 26.—Kroyer, 1838-40a, 597 (in Xiphias gladius).—Lang, 1880.—Leuck., 1863a, 450, 455.—Looss, 1885b, 5, 10.—Linst., 1903, 279.—Lint., 1898, 509-510, pl. 40, fig. 9; 1900, 278; 1901, 414, 448.—Lönnberg, 1891, 76.—Mont., 1888a, 13, 28, 52; 1891, 1892, 101, 102, 103, 110, 113, 114, 116, 123, 124; 1893, 4-5.—Nitzsch, 1826, 150.—Nord., 1840, 602 (syn. of Capsala sanguinea).—Par., 1887.—Par. & Per., 1889; 1890, 5.—Pratt, 1900, 655, fig. 9; 657, 658.—Risso, 1826, 262.—Rud., 1819a, 123, 428-430.—St.-Remy, 1898, 534, 536, 538.—Scott, T., 1901, 144.—Setti, 1898, 311, 313; 1899, 71, 72, 73, 74, 75, 76, 77, 78, 83; 1899, 124.—Sons., 1890, 173 (in Xiphias gladius, Tetrapturus belone, Orthogoriscus mola; Sicilia, Nizza, Napoli).—Staff., 1904, May 3, 482 (on Xiphias gladius; Canada).—Stoss., 1898, 5.—Tasch., 1878, 564, 567, 569, 570, 571, 572 (syn. Capsala coccinea) (in Orthag. mola, Xiphias gladius); 1878, 176; 1879, 59.—Wagener, 1857, 72.—Yarrell, —, 468.—Ziegler, 1883, 545.

cornutum Verrill, 1875, 40, on Tetrapturus albidus; Block Island.—Pratt, 1900, 658.—St.-Remy, 1898, 536 (on Tet. alb.; North America).—Setti, 1898, 311, 312; 1899, 125.

elegans (Baer, 1826) Ben. & Hesse, 1864, 64, 77, of the sturgeon.

elongatum Nitzsch, 1826, 150-151 (on Stör).—Ben., 1858a, 1861a, 20.—Ben. & Hesse, 1864, 67 (syn. of Nitzschia elegans); 1864, 70.—Braun, 1889, 758; 1889h, 19 Aug., 433-434; 1889k, 621, 622 (syn. Nitzschia elegans Baer).—Crep., 1846, 149.—Dies., 1835, 12-14; 1836a, 12; 1850a, 426 (syn. of Nitzschia elegans).—Duj., 1845a, 323.—Kœlliker, 1849, 21.—Nord., 1840, 602 (to Capsala).—Tasch., 1878, 563, 564, 567-568 (in Accipenser sturio); 1879, 56.—Reported also for Acipenser guldenstædtii.

excavatum Nord. in Dies., 1850a, 428 (syn. of Encotyllabe nordmanni).

foliaceum Goto, 1894a, 248 (host unknown).—Mont., 1899, 86.—St.-Remy, 1898, 538.—Setti, 1898, 311, 313; 1899, 119, 124; 1899, 79, 80.

hamatum Rathke, 1843, 238-242, pl. 12, figs. 9-11 (syns. Hirudo hippoglossi Mueller, Phylline hippoglossi Oken, Ertopdella hippoglossi Blainv.; in Pleuronectes hippoglossus; Europe).—Ben., 1858a, 1861a, 19, 21 (syn. of Epibdella hippoglossii).—Ben. & Hesse, 1864, 68, 69 (syn. of Epibdella).—Dies., 1850a, 427 (syn. of Phylline hippoglossi).—Johnston, 1865a, 32.—Kœlliker, 1849, 21.—Odh., 1905, 370 (syn. of Epibd. hipp.).—Tasch., 1879, 568 (syn. of T. hippoglossi).—Reported for Pleuronectes hippoglossus.

hippoglossi Oken, see Tasch., 1878, 568; 1879, 59, to (Epibdella).

histiophori Bell, 1891a, 534-535 (in Histiophorus brevirostris).—Goto, 1894a, 238; 1899a, 271 (syn. of T. leve Verrill).—Mont., 1899, 86.—St.-Remy, 1898, 535 (=T. læve).—Setti, 1898, 311, 312, 313; 1899, 79, 83.

integrum Dies., 1850a, 429, MS. (syn. of T. coccineum).—Setti, 1898, 311.

interruptum Mont., 1891, 1892g, 101, 105, 116, 122, 123, pl. 12, figs. 17-19 (in Thynnus brachypterus; Naples?); 1899, 86, 97.—Braun, 1891d, 422.—Goto, 1894a, 238.—St.-Remy, 1898, 535.—Setti, 1898, 311, 312; 1899, 117-119, 124, fig. 1; 1899, 80, 81, 84.—Reported also for Thynnus thynnus.

læve Verrill, 1875, 40, in Tetrapturus albidus; Block Island.—Goto, 1899a, 271-273 (leve, syns. histiophori and ovale), pl. 20, figs. 10-12.—Linst., 1906, 176 (=T. ovale Goto).—Lint., 1898, 509, pl. 40, figs. 7-8; 1901, 414, 445.—Mont., 1899, 86; 1899, 108.—Pratt, 1900, 658.—St.-Remy, 1898, 535-536, 539 (on Tet. alb.; North America).—Setti, 1898, 311; 1899, 79, 83; 1899, 124.—Reported for Gymnosarda pelamys, Tetrapturus albidus, Histiophorus orientalis, Cymbrium sp.

TRISTOMA—Continued.

læve var. *armata* Goto, 1899a, 273 (læve of Verrill, and histiophori of Bell).

læve var. *inermis* Goto, 1899a, 273 (T. ovale renamed).

leve Goto, 1899a, 291, for læve.

levinseni Setti, 1898, 311, 312; 1899, 120–121, 124, fig. 2, for levinsenii.

levinsenii Mont., 1891, 101, 122, 123, pl. 6, fig. 21 (in *Thynnus* sp.).—Braun, 1891d, 422.—Goto, 1894a, 238.—Setti, 1898, 311, 312; 1899, 120–121, 124, fig. 2 (levinseni).

maculatum Rud., 1819a, 123, 430–431, pl. 1, figs. 9–10 (includes *Capsala martinieri* Bosc, *Phylline diodontis* Oken) (in *Diodon*).—Ben. & Hesse, 1864, 76.—Braun, 1890a, 529, 547, 550 (in *Diodon* sp.; *California*).—Dies., 1835, 10–11; 1836a, 10; 1850a, 430 (syns. *Caps. mart.*, *Phylline diodontis*, *Caps. maculata*).—Duj., 1845a, 322.—Eichwald, 1829a, 249.—Mont., 1891, 101, 103, 123.—Nitzsch, 1826, 150.—Nord., 1840, 602 (to *Caps.*).—Odhn., 1905, 371.—Pratt, 1900, 658.—Setti, 1898, 311; 1899, 84; 1899, 125.—Tasch., 1878, 564, 567 (in *Diodon*).

megacotyle Linst., 1906, 176, pl. 1, figs. 19–20 (in *Histiophorus* sp.; Beruwala).

mola Bl., E. 1847a, 326–327 (t. h. *Orthagoriscus mola*).—Ben. & Hesse, 1864, 66, 76, 77–79.—Bettend., 1897a, 34, 35; 1897, 338, 339.—Brand., 1898a, (12, 14, 18), 204, 206, 210.—Braun, 1883a, 43; 1889k, 621; 1890a, 419, 423, 424, 425, 427, 428, 429, 431, 432, 445, 449, 450, 451, 455, 456, 458, 460, 465, 483, 512, 529, 547, 551 (in *Orthag. mola*; Atlantic Ocean (England), Mittelmeer (Nizza, Naples, Palermo, Trieste)); 1892a, 617.—Cerf., 1898b, 345.—Dies., 1850a, 429 (of Bl., syn. of T. rudolphianum).—Fischer, 1883a, 22.—Goto, 1891a, 161; 1899, 272.—Haswell, 1892a, 459; 1893e, 121, 144, 145.—Heath, 1902, 127, 128, 131, 132.—Hoyle, 1890, 537.—Jackson, 1888, 644, 650.—Johnston, 1865a, 33.—Kath., 1894a, 138.—Knoch, 1894, 5, 11, 17.—Lint., 1901, 408, 414, 466.—Lönnberg, 1891, 76.—Looss, 1885b, 12; 1894a, 146, 154.—MacLaren, 1904, 585, 589, 590, 608.—Mont., 1888a, 28 (*Tristomun*); 1888a, 7, 10, 13, 16, 17, 19, 23, 28, 29, 33, 50, 51, 52; 1890, 418; 1891, 101, 104, 107, 116, 118, 119, 120, 122, 123, pl. 5, fig. 4; 1892, Oct. 7, 172; 1893, 5–7; 1893, 77; 1899, 97, 98.—Par. & Perugia, 1889, 741, fig. 2 (in *Mola aspera*); 1890, 741, fig. 2 (in *Mola aspera*); 1890, 5.—Par., 1894, 549, 677, 680.—Poir., 1885, 138, 139, 147.—Pratt, 1900a, 658.—St.-Remy, 1898, 534, 535, 537.—Scott, 1901, 144 (in *Orthagoriscus mola*; W. coast Scotland); 1905, 118 (in Scott, 1901, pl. 8).—Setti, 1898, 309, 311; 1899, 124; 1899, 80, 81, 83.—Sons., 1890, 173 (in *Orthag. mola*); 1891, 265.—Staff., 1904, May 3, 482 (on *Mola mola*; Canada).—Stoss., 1891, 111; 1896, 191; 1898, 5–6.—Tasch., 1878, 564, 567; 1879, 232–265; 1880, 12 Jan., 17–18.

nordmanni (Dies., 1850) Tasch., 1878, 568 (syn. *Encotyllabe nordmanni*).

nozawæ Goto, 1894a, 249–251 (in *Thynnus sibi*; Osatsube (Hokkaido)).—Mont., 1899, 86.—Setti, 1898, 311; 1899, 80, 84 (nozawai); 1899, 122, 123, 124.—St.-Remy, 1898, 538–539 (nozawai).

nozawai St.-Remy, 1898, 538, for nozawæ.

onchidiocotyle Setti, 1899, 121–123, fig. 3 (in “tonno” at Portoferraio).—Par., 1899, 3; 1902, 3 (in *Thynnus thynnus*; Elba).

ovale Goto, 1894a, 241–244 (in *Histiophorus orientalis*, H. sp.; Misaki); 1899a, 271 (syn. of T. læve).—Mont., 1899, 86; 1899, 108.—St.-Remy, 1898, 535 (=T. læve).—Setti, 1898, 311; 1899, 79, 83.

ovata (Goto, 1894) Heath, 1902a, 132, apparently for *Epibdella ovata*.

pagelli (Ben. & Hesse, 1863) Tasch., 1878, 569 (syn. *Encotyllabe pagelli*).

papillatum Ben., 1858a, 1861a, 38 (refers to *Kølliker*, 1849, 21, pl. 2).—Mont., 1893, 12.

papillorum Juel, 1889, 14, misprint.

papillosum Dies., 1836a, 313–316, pl. 17, figs. 13–16 (t. h. *Xiphias gladius*); 1850a, 430–431 (syn. *Capsala papillosa*) (in *Orthagoriscus mola*; Naples, *Tetrapturus belone*, Messina; *Xiphias gladius*; Panormi).—Ben., 1858a, 1861a, 169, 175, 176.—Ben. & Hesse, 1864, 66, 77.—Brand., 1891d, 14, 20.—Braun, 1883a, 45; 1889k, 621, 622; 1890a, 409, 419, 420, 424, 427, 430, 437, 438, 441, 444, 445, 456, 458, 487, 529, 547, 552; 1890b, 125; 1891d, 422; 1893b, 177.—Creyt., 1893a, 384.—Duj., 1845a, 323.—Goto, 1894a, 237.—Grube, —, 49.—Juel, 1889, 37.—Kølliker, 1846, 469; 1847a, 469; 1849b, 21–27, pl. 2, figs. 1–4 (anatomy).—Kerbert, 1881a, 533.—Kroyer, 1852–53a, 745 (in *Orthag. mola*).—Linst., 1903, 280.—Looss, 1885b, 5, 10.—Mont., 1888a, 7, 16; 1889, 118; 1891,

TRISTOMA—Continued.

- 99, 101, 102, 103, 105, 110, 113, 114, 116, 119, 123, 124, pl. 5, figs. 1-3; 1893, 79.—Nord., 1840, 602 (to Capsala).—Par., 1889, 2-3; 1894, 543, 680, 698; 1902, 2 (in *Xiphias gladius*; Elba).—Par. & Per., 1890, 5.—Scott, T., 1901, 144.—Setti, 1898, 311, 312; 1899, 71, 72, 73, 74, 75, 76, 77, 83; 1899, 124.—Shipley, 1898, 354.—Sons., 1890, 173; 1891, 265 (in *Orthag. mola*).—Stoss., 1885, 162; 1898, 6.—Tasch., 1878, 701; 1878, 564, 567, 569, 570, 572 (syn. Caps. pap.); 1878, 176; 1879, 57, 59.—Wagener, 1857, 72.—Ziegler, 1883, 545.—Reported also for *Carcharias glaucus*.
- pelamydis* Tasch., 1878, 176; 1878, 569, 570 (in *Pelamys sarda*; Naples).—Braun, 1890a, 418, 487, 494, 497, 499, 519, 529, 547, 551.—Mont., 1888a, 86, 87; 1889, 117; 1891, 101, 105, 116, 123, pl. 6, fig. 20; 1899, 97.—Par., 1894, 680; 1902, 2 (in *P. sarda*; Elba).—Par. & Per., 1890, 5.—Setti, 1898, 311; 1899, 80, 81, 82; 1899, 124.—Sons., 1890, 173 (in *P. sarda*; Pisa).—Stoss., 1898, 6.
- perugiai* Setti, 1898, 7 pp., 1 fig. (on *Tetrapturus belone* Raf.; Spezia); 1898, 308-313, 1 fig.; 1899, 77, 79; 1899, 124.—Mont., 1899, 86.—St.-Remy, 1898, 539-540.
- pini* (Ben. & Hesse, 1863) Tasch., 1878, 568.—Massa, 1906, 56 (to *Trochopus*).
- rhombi* (Ben. & Hesse, 1863) Tasch., 1878, 568.—Massa, 1906, 58 (to *Trochopus*).
- rotundum* Goto, 1894a, 245-248, pl. 24, figs. 6-9 (in *Xiphias gladius*; Misaki).—St.-Remy, 1898, 537-538.—Setti, 1898, 311, 313; 1899, 77, 78, 83 (syn. of *T. coccineum*).
- rudolphianum* Dies., 1850a, 429 (t. h. *Orthagoriscus mola*; Anglia) (new name for *Capsala sanguinea* Blainv., *T. molæ* Blanchard, 1847, *T. coccineum* of Rud., *Phylline coccinea* Schweigger).—Johnston, 1865a, 33.—Kroyer, 1838-40a, 597; 1852-53a, 745 (in *Orthag. mola*).—Lint., 1898, 510; 1900, 281; 1901, 408, 414, 466.—Setti, 1898, 311 (syns. *aculeatum* Couch, *cephala* Risso, *molæ* Bl.); 1899, 84.—Stoss., 1898, 5.—Tasch., 1878, 564, 567.—Reported also for *Mola mola*.
- scianæ* Ben., Tasch., 1878, 568.
- sinuatum* Goto, 1894a, 239-241 (in *Histiophorus* sp.; Misaki); 1899a, 272.—Mont., 1899, 89; 1899, 108 (spelled also *sinuatuun*, 109).—St.-Remy, 1898, 536-537, 539.—Setti, 1898, 309, 311; 1899, 124.
- sinuatuun* Mont., 1899, 109, misprint.
- solex* (Ben. & Hesse, 1863) Tasch., 1878, 568; 1879, 59 to (*Phylonella*).
- squali* E. Bl., 1847, 327-328 (t. h. *Squalus*; New Zealand).—Ben. & Hesse, 1864, 76.—Braun, 1890a, 529, 547, 552.—Cuvier, —, pl. 36, figs. 3, 3a.—Dies., 1850a, 430 (syn. of *T. blanchardii*).—Setti, 1898, 311; 1899, 84; 1899, 125.—Tasch., 1878, 564, 567.
- sturionis* (Abildg., 1794) Cuvier, 18—, pl. 36, figs. 4-4a or Bl., 1847, 329-330.—Ben. & Hesse, 1864, 67 (of Bl. syn. of *Nitzschia elegans*).—Dies., 1850a, 426 (syn. of *Nitzschia elegans*).—Johnston, 1865a, 34.—Tasch., 1878, 568 (of Bl. syn. of *T. elongatum*).
- tubiporum* Dies., 1836a, 14-15, pl. 1, figs. 14-16 (in *Trigla hirundo*); 1850a, 428 (renamed *Trochopus longipes* as type of *Troch.*).—Ben. & Hesse, 1864, 74, 75, 76, 77 (to *Troch.*).—Duj., 1845a, 323.—Massa, 1906, 43; 1906, 53, 54 (to *Troch.*).—Nord., 1840, 602 (to *Capsala*).—Sons., 1891, 261.—Stoss., 1898, 7 (in *Trigla hirundo*; Trieste).—Tasch., 1878, 563, 564, 568 (in *Trig. hir.*).
- uncinatum* Mont., 1889h, 117-118, pl. 4, figs. 1-7 (in ?*Pleuronectes*; Coll. Leuck.); 1889i, 516; 1891, 101, 116, 123; 1893.—Braun, 1890a, 487, 497, 529, 547, 551 (in *Hippoglossus* sp.).—Goto, 1894a, 237.—Setti, 1898; 1899, 124.

TRISTOMATIDÆ Gamb., 1896a, 53, 55, 73.—Scott, T., 1901, 141, 142.

TRISTOMATINÆ Gamb., 1896a, 73.

TRISTOME [French] Blainv., 1824a, 515 ("Nouveau genre que M. Bosc avait nommé capsule pour un animal parasite sur les branchies des poissons, que je regarde de la famille des sangsues").

TRISTOMEÆ Tasch., 1879, 56, 57, 67; 1879, 235, 238.—Braun, 1883a, 58; 1890a, 516, 517, 523, 524, 525; 1890b, 127.—Cerf., 1894, 946, 948; 1895h, 914, 919; 1898b, 36.—Haswell, 1892a, 457.—Jackson, 1888, 644, 653 (includes: *Tristomidæ*, *Monocotylidæ*, *Udonellidæ*).—Juel, 1889, 14.—Hoyle, 1890, 539 (includes: *Tristomidæ*, *Monocotylidæ*, *Udonellidæ*).—Mont., 1888a, 15, 86 (*Ttistomeæ*); 1888a, 7, 10, 11, 12, 13, 15, 17, 18, 20, 21, 26, 27, 31, 32, 34, 36, 37, 42, 47, 48, 49, 50, 53, 54, 56, 67, 70, 86, 87, 88, 96, 108, 110; 1891, 108.—Par. & Per., 1890, 5.—Sons., 1890, 175.

1888: *Ttistomeæ* Mont., 1888a, 15, 86, misprint.

- TRISTOMIDÆ** Cobbold, 1877f, 326; 1879b, 4.—Braun, 1890a, 516, 517, 519, 523, 526, 538; 1893a, 889; 1896b, 7.—Cerf., 1894, 946, 948; 1894k, 936–948, figs. 1–6; 1894l, 175; 1895a, 21; 1895b, 361; 1899a, 411.—Haswell, 1887a, 294, 299; 1892a, 457; 1893e, 114, 125.—Hoyle, 1890, 539 (*Tristomum*).—Jackson, 1888, 653 (*Tristomum*).—Mont., 1888a, 7, 15, 16, 19, 23, 30, 31, 34, 35, 67, 86, 87, 88, 96, 107, 108; 1891, 101, 108, 111, 122; 1891, 99–134, 1 fig., pls. 5–6, 41 figs.; 1892, Jan. 15, 99–134, 1 fig., pls. 5–6, figs. 1–41; 1892, Oct. 7 (fam. of *Eterocotylea*; contains *Tristominae*, *Encotyllabinae*, *Udonellinae*); 1893, 21; 1899, 77; 113; 1903, 335 (contains subf. *Tristominae* (g. *Tristomum*, *Trochopus* [= *Placunella*]; 2. *Acanthocotylinae* (g. *Acanthocotyle*); 3. *Ancyrocotylinae* (g. *Ancyrocotyle*, *Epibdella* [= *Phylonella*], *Nitzschia*); 4. *Encotyllabinae* (g. *Encotyllabe*); 1905, 68.—Muehl., 1898, 17.—Pratt, 1900, 646 (includes: *Tristominae*, *Encotyllabinae*, *Udonellinae*), 648.—St.-Remy, 1891, 55 pp., 2 pls.; 1891, 11 May, 1072–1074 (genital organs); 1892, 30 May, 702–703; 1892?, 1–55; 1892, 2 Oct., 615–616; 1898, 522, 532.—Schneidemuehl, 1896, 296.—Scott, 1901, 141.—Stoss., 1898, 5.—Tasch., 1879, (of Ben.) 68; 1879, 235.
- TRISTOMIDEA** Carus, 1863, 477.—Mont., 1888a, 84.
- TRISTOMIDES** Tasch., 1879, 235.—E. Bl., 1888a, 541 (embraced in *Polystomiens*).—Mont., 1888a, 86.
- TRISTOMIDI** Mont., 1892g, 99–134, figs. 1–41, for *Tristomidæ*.
- TRISTOMII** E. Bl., 1847, 321.
- TRISTOMINÆ** Braun, 1893a, 889.—Mont., 1892, Oct. 7, 213 (subf. of *Tristomidæ*, contains *Tristomum*, *Nitzschia*, *Epibdella*, *Trochopus*, *Acanthocotyle*); 1899, 81, 113; 1903, 335 (f. *Tristomidæ*).—Pratt, 1900, 646, 648 (includes: *Tristoma*, *Nitzschia*, *Epibdella*, *Phyllonella*, *Trochopus*, *Acanthocotyle*, *Placunella*).—St.-Remy, 1898, 532.
- TRISTOMUM**, see *Tristoma*.
- TRISTOMUN** Mont., 1888a, 28 (for *Tristomum*).
- TRISTONUM** Setti, 1899, 84, for *Tristomum*.
- TROCHOPUS** Dies., 1850a, 290, 428 (m. *longipes*) [not Carpenter, 1898, insect]; 1858e, 313, 365.—Ben., 1858a, 1861a, 38.—Ben. & Hesse, 1864, 66, 74.—Braun, 1890a, 411, 412, 415, 451, 465, 469, 511, 515, 516, 517, 519, 523, 526, 528; 1891d, 422; 1893a, 889.—Burm., 1856a, 251.—Gamb., 1896a, 73.—Goldb., 1855a, 20.—Massa, 1903, 252–255; 1906, 43–71 (syns.: *Capsala* Nord., *Trist.* *Tasch.*, *Placunella* Ben. & Hesse).—Mont., 1888a, 7, 10, 11, 13, 52, 66, 86, 87, 97; 1891, 105, 107, 111, 124, 125; 1892, Oct. 7, 213 (gen. of *Tristominae*); 1899, 98; 1903, 335=*Placunella* (subf. *Tristominae*; f. *Tristomidæ*).—Pratt, 1900, 646, 648 (key).—Scott, 1901, 143; 1901, in 120–153, 2 pls.—St.-Remy, 1898, 534.—Sons., 1891, 260–261.—Stoss., 1898, 7.—Tasch., 1878, 566 (syn. of *Tristomum*).
- differens* Sons., 1891, 261 (in *Cantharus lineatus* Mont.).—Braun, 1891d, 422.—Massa, 1903, 255 (in C. lin.); 1906, 44, 46, 53, 60–61, 65, pl. 2, figs. 24, 25, 26 (syn. *T. longipes* Sons., 1890) (in C. lin.; Pisa).
- diplacanthus* Massa, 1903, 254 (in *Trigla hirundo*); 1906, 45, 46, 53, 56, 64, 65, 66, pl. 2, figs. 3, 4, pl. 3, fig. 33 (syn. *Placunella pini* Scott, 1901) (in *T. hir.*; Scotland).
- exacanthus* Par. & Perugia, 1889.—Massa, 1903, 255 (in *Serranus gigas*).—For hexacanthus.
- heteracanthus* Massa, 1903, see heteracanthus.
- heteracanthus* Massa, 1903, 252, 254 (in *Trigla corax*); 1906, 46 (*heteracanthus*), 48, 51, 53, 55, 57, 62, pl. 2, figs. 8, 9, 10, 11, pl. 3, figs. 27, 31, 37, 38, 39, 40, 41 (syns.: *T. longipes* Sons., *T. tubiporus* Sons.) (in *Trig. co.*; Naples).
- hexacanthus* (Par. & Perugia, 1889) Massa, 1906, 45, 46, 47, 53, 59–60, 65, pl. 2, figs. 15, 16, 17, pl. 3, figs. 28, 36 (in *Serranus gigas*; Genova).
- lineatus* Scott, 1901, 143–144, pl. 8, fig. 18 (in *Trigla lineata*; Clyde); 1905, 118.—Massa, 1903, 254 (in *Trigla lineata*); 1906, 45, 46, 52, 61, pl. 2, figs. 5, 6, 7, pl. 3, figs. 32, 35 (in *Trigla lineata*; Scotland).
- longipes* Dies., 1850a, 428 (= *Trist. tubiporum* 1835, renamed) (in *Trigla hirundo*); 1858e, 365.—Ben. & Hesse, 1863, 75; 1864, 75 (syn. of *T. tubiporus*).—Kroyer, 1838–40a, 582 (in *Trig. hir.*).—Massa, 1906, 53, 55 (syn. of *T. tubiporus* Dies.), 60 (of Sons., 1890) (syn. of *T. differens* Sons.), 62 (syn. of *T. heteracanthus* Massa).—Mont., 1891, 123, 124.—Sons., 1891, 260, 261.—Stoss., 1898, 7 (in *Trig. hir.*; Triest).—Tasch., 1878, 564, 565, 568 (syn. of *T. tubiporum*).

TROCHOPUS—Continued.

micracanthus Massa, 1903, see *micrachanthus*.

micrachanthus Massa, 1903, 255 (in *Trigla hirundo*); 1906, 46, 53, 56, 63, 65, 66, pl. 2, figs. 21, 22, 23, pl. 3, fig. 29 (in *Trigla hirundo*; Genova).

microcanthus Massa, 1906, 66, for *micracanthus*.

onchacanthus Massa, 1906, 44, 46, 53, 65–66, pl. 2, figs. 12, 13, 14, pl. 3, fig. 30 (host unknown; Trieste).

pini (Ben. & Hesse, 1863) Massa, 1903, 254 (in *Trigla pini*); 1906, 46, 53, 55, 56–58, 63, 65, 66, pl. 2, fig. 2 (syns.: *Placunella pini* Ben. & Hesse, Trist. *pini* Tasch., Troch. *tubiporus* Sons.) (in *Trig. pini*, T. *hirundo*, T. *corax*; Naples).

rhombi (Ben. & Hesse, 1863) Massa, 1903, 255 (in *Rhombus maximus*); 1906, 45, 46, 53, 58–59, 65, pl. 2, fig. 1 (syns.: *Placunella rhombi* Ben. & Hesse, Trist. *rhombi* Tasch.) (in Rh. *max.*; Brest).

tubiporus (Dies., 1835) Ben. & Hesse, 1864, 66, 75–76, pl. 6, figs. 8–13 (syns.: Trist. *tubiporum*, T. *longipes*) (in *Trigla hirundo*).—Braun, 1890a, 418, 424, 488, 528, 547, 552.—Massa, 1903, 253, 254 (in *Trig. hir.*); 1906, 44, 46, 53–55 [56, 57 (of Sons., 1901, 200, syn. of T. *pini* Ben. & Hesse)], 60, [62 (of Sons., 1891, 260, syn. of T. *heteracanthus*)], 65, 66, pl. 2, figs. 18, 19, 20, pl. 3, fig. 34 (syns.: *Capsala tubipora* Nord., Trist. *tubiporum* Dies.; Troch. *longipes* Dies.).—Mont., 1888a, 66; 1891, 104, 124, pl. 5, fig. 11, pl. 6, figs. 12–16.—Par. & Perugia, 1890, 5.—Pratt, 1900, 655, 657, fig. 7.—St.-Remy, 1898, 535.—Scott, A., 1901, 345; 1901, 143 (in *Trigla hirundo*).—Sons., 1891, 260, 261.—Stoss., 1898, 7.—Reported also for *Cantharus lineatus*.

TTISTOMELE Mont., 1888a, 15, 86, misprint for *Tristomeæ*.

TURBINILLA Bory St.-Vincent, 1823b, 356, genus of *Cercariées*.

TYLODELPHIS Pag., 1857, 38, pl. 4, fig. 7.—Mont., 1888a, 84.—Villot, 1898, 542 (for *Tylodelphys*).

TYLODELPHUS Kroyer, 1838–40a, 579.—Linst., 1878a, 290, for *Tylodelphys*.

TYLODELPHYS Dies., 1850a, 287, 304–305 (type *clavata*); 1858e, 311, 315–316.—Brand., 1888a, 12, 15, 52; 1890a, 578.—Braun, 1894, 166; 1895b, 132.—Goldb., 1855a, 16.—Mont., 1888a, 84 (*Tylodelphis*), 91.—Olss., 1893, 8.—Pag., 1857, 46.—Villot, 1898, 542 (*Tylodelphis*).

1888: *Tylodelphis* Mont., 1888a, 84, for *Tylodelphys*.

clavata (Nord., 1832) Dies., 1850a, 305 (in *Acerina vulgaris*, *Perca fluviatilis*, *Lucioperca sandra*, *Esox lucius*; Rhedoni); 1858e, 316.—Braun, 1892a, 796.—Kroyer, 1838–40a, 579 (in *Acerina cernua*).—Olss., 1893, 8.

craniaria Dies., 1858e, 316, based on Leydig, 1853, 382, pl. 14, fig. 6 (in *Cobitis fossilis*).—Braun, 1892a, 796.—Pavesi, 1881, 616.—To Diplost. by Cobbold, 1860.

petromyzi fluviatilis Linst., 1878a, 290, for *petromyzonis fluv.*

petromyzi fluviatilis Braun, 1892a, 796.

petromyzonis fluviatilis Dies., 1858e, 316 (in *Petromyzon fluviatilis*) (syns.: Diplost. *petromyzoni fluviatilis* Mueller, ? Diplost. *rhachiaem* Mueller).

rachidis Hannover, 1864a, 3.

rhachixa (Henle, 1833) Braun, 1892a, 796 (see *rhachidis* Dies.).

rhachidis Dies., 1850a, 305 (=Dubium *ranarum* Rud., Diplost. *rhachiaem* Henle, renamed) (in *Rana esculenta*, R. *temporaria*); 1858e, 316 (in *Pelophylax esculentus*).—Braun, 1893a, 871.—[Caldani, 1794, 312–318, pl. 7, figs. 7–8].—Hannover, 1864a, 3 (*rachidis*).—Pag., 1857, 38, pl. 4, fig. 7 (in *Rana esculenta*).—[Rud., 1810a, 268 (*Dubium ranarum*).]

TYPHLOCELUM Stoss., 1902, 9, 30–32 (tod. *flavum*); 1902, 33 (syn. *Monost. flavum*) (in *Anas boschas brasiliana*).—Cohn, 1904, 229, 231 (syn. of *Monost. flavum*), 232.

cucumerinum (Rud., 1809) Stoss., 1902, 32–33, pl. 8, fig. 28 (syns.: Dist. *cuc.* Rud., *Monost. cuc.*) (in *Avis riparia*).

flavum (Mehlis, 1831) Stoss., 1902, 30–32, pl. 9, figs. 31, 32 (syn. *Monost. fl.*) (in *Fuligula marila*; Rossitten).—Cohn, 1904, 230–232, fig. 1

sarcidiornicola (Méglin, 1890) Stoss., 1902, 33–34 (syn. *Monost. sarc.*) (in *Sarcidiornis melanota*; Madagascar).

UDONELLA Johnston, 1835a, 497 (m. caligorum); 1865a, 30, 34.—Ben., 1858a, 1861a, 11, 12, 190, 207, 210, 297.—Brand., 1894a, 308.—Braun, 1890a, 451, 452, 465, 468, 477, 483, 484, 490, 498, 511, 515, 516, 517, 518, 522, 523, 531, 532; 1893a, 890.—Burm., 1856a, 251.—Carus, 1863, 477.—Chatin, 1880f, 591; 1881a, 311.—Cobbold, 1879b, 463.—Dies., 1850a, 290, 427 (syns.: *Hirudo*? Kroyer, *Amphibothrium* Frey & Leuck.); 1858e, 313, 362–363 (m. caligorum); 1859c, 437.—Gamb., 1896a, 73.—Goldb., 1855a, 20.—Hoyle, 1890, 539 (type caligorum).—Jackson, 1888, 644, 653.—Leuck., 1863a, 489; 1879, 139; 1886d, 107.—Mont., 1888a, 10, 52, 70 (*Udonetla*), 84, 86, 88, 98; 1892, Oct. 7, 186, 213 (gen. of *Udonellinae*); 1903, 336 (subf. *Udonellinae*); 1905, 65.—Par. & Perugia, 1890, 14.—Pratt, 1900, 646, 649 (on *Caligus* and *Anchorella*), 655, fig. 12.—Scott, T., 1901, 144.—Stoss., 1898, 8.—Tasch., 1878, 572; 1879, 236, 238; 1879, 56, 59, 68, 73.—Wagener, 1857, 25, 26.

1888: *Udonetla* Mont., 1888, 70.

caligarum Tasch., 1878, 564, 565, 572–573, for *caligorum*.

caligi (Kroyer—) Ben., 1858a, 1861a, 189.

caligorum Johnston, 1835a, 497, fig. 45 a–c (on *Caligus* on *Hippoglossus vulgaris*); 1865a, 34, 299–300, fig. 49.—Ben., 1858a, 1861a, 12, 13–18, pl. 1, figs. 1–15 (syns.: *Phylline caligi* Kroyer, *Amphibothrium kroyeri*) (in *Pleuronectus hippoglossus*, *Gadus morrhua*, *Trigla gurnardus*), 260.—Braun, 1890a, 418 (*caligarum*), 468, 485, 500, 512, 532, 548, 550, 551 (in *Caligus* sp.; North Sea; Atlantic Ocean).—Cobbold, 1879b, 484.—Dies., 1850a, 427 (syns.: *Hirudo* Kroyer, *Amphibothrium kroyeri* Frey & Leuck.); 1858e, 363; 1859c, 437 (in *Caligos hippoglossi vulgaris* et *gadi morrhuae*; Belgium).—Gamb., 1896a, 55, fig. 22B.—Grube, 1851, 116, 150.—Hoyle, 1890, 539 (on *Caligus* which is on *Hippoglossus vulgaris*).—Jackson, 1888, 646, 650 (on *Caligus*).—Moul., 1856a, 11.—Pag., 1857, 11.—Pratt, 1900, 655, fig. 12, 657.—Quatrefages, 1854, 23.—Scott, 1901, 144 (in *Caligus curtus*); 1905, 118; 1901, pl. 8.—Staff., 1904, May 3, 482 (on *Caligus* on *Gadus callarias*; Canada).—Tasch., 1878, 564, 565, 572–573 (*caligarum*).

hirundinis (Ben. & Hesse, 1863) Tasch., 1878, 573 (syn. *Echinella hirundinis*).

lupi Ben. & Hesse, 1863, 92, pl. 8, figs. 11–14 (in *Labrax lupus*).—Braun, 1890a, 408, 417, 427, 482, 532, 548, 550, 551 (in *L. lup.*; Atlantic Ocean).—Mont., 1890, 420.—Stoss., 1898, 8.—Tasch., 1878, 573.

merlucii Ben. & Hesse, 1863, 93; 1864, 93 (in *Merlucius vulgaris*).—Braun, 1890a, 417, 532, 548, 550, 551 (in *M. vulg.*; Atlantic Ocean).—Tasch., 1878, 573.

molva (Ben. & Hesse, 1863) Tasch., 1878, 573.

pollachii Ben. & Hesse, 1863, 90–91, pl. 8, figs. 1–8; 1864, 90–91, pl. 8, figs. 1–8 (in *Merlangus pollachius*).—Braun, 1890a, 408, 410, 417, 446, 510, 532, 548, 550, 551 (in *M. poll.*; Atlantic Ocean).—Gamb., 1896a, 58, fig. 25B.—Mont., 1888a, 7, 10, 34.—Tasch., 1878, 573.

sciæna Ben. & Hesse, 1863; 1864, 93, pl. 8, figs. 15–16 (in *Sciæna aquila*).—Braun, 1890a, 465, 532, 548, 549, 552 (in *S. aq.*; Atlantic Ocean).—Tasch., 1878, 573.

trigla Ben. & Hesse, 1863; 1864, 92, pl. 8, figs. 9–10 (in *trigles*).—Braun, 1890a, 417, 446, 532, 548, 550, 552 (in *Trigla* sp.; Atlantic Ocean).—Tasch., 1878, 573.

UDONELLIDÆ Tasch., 1879, 235 (*Udonellides*), 236; 1879, 68.—Braun, 1890a, 516, 517, 523, 526, 531; 1896b, 7.—Cerf., 1894, 946, 947, 948; 1898b, 361, 362.—Haswell, 1893e, 125.—Hoyle, 1890, 539 (*Udonella*).—Jackson, 1888, 653 (*Udonella*).—Mont., 1888a, 7, 10, 13, 18, 34, 36, 66, 67, 86 (*Udonellides*), 88, 98, 108, 110; 1891, 108; 1903, 336 (subf. *Udonellinae* (g. *Udonella*, *Echinella*, *Pteronella*)).—Scott, 1901, 141.

UDONELLIDES Tasch., 1879, 235 (see *Udonellidæ*).—Mont., 1888a, 86.

UDONELLINÆ Mont., 1892, Oct. 7, 213 (subf. of *Tristomidæ*); 1903, 336 (f. *Udonellidæ*).—Braun, 1893a, 890.—Pratt, 1900, 646 (includes: *Udonella*, *Echinella*, *Pteronella*), 649.—Scott, T., 1900, 141, 144.

UDONETLA Mont., 1888a, 70, for *Udonella*.

UNICOLA Rafinesque, 1815, 151, genus of *Fasciolaria*, nomen nudum; to contain species of *Fasciola*, but these are not mentioned. The name has therefore no status at present.

UROCENTRUM Nitzsch, 1827, 68 (m. *Cerc. turbo*).

UROGONIMINÆ Looss, 1899b, 655.—Pratt, 1902, 889, 906 (includes *Urotygma*, *Urogonimus*, *Urotocus*, *Urotrema*).

UROGONIMUS Mont., 1888a, 15, 92, 104 (tod. macrostomus); 1892, Oct. 7, 214 (gen. of Distominae); 1893, 82, 154, 155, 157, 162, 164, 165; 1896, 167.—Braun, 1892a, 696, 699, 715, 727, 736; 1893a, 885, 886, 890, 893, 909, 911; 1895b, 138; 1900h, 3; 1900, 390; 1900, 234, 1901, 942, 943; 1902b, 136, 140.—Darr, 1902, 655.—Looss, 1894a, 173, 174; 1896b, 139; 1899b, 536, 538, 542, 551, 648, 653-654, 655, 665, 749, 750.—Luehe, 1899, 532; 1900, 555.—Moniez, 1896a, 90.—Nickerson, 1902, 606.—Ofenheim, 1900, 183.—Poche, 1907, 125.—Pratt, 1902a, 889, 906.—Stiles, 1901, 176, 194.—Stiles & Hass., 1898a, 95, 96 (syn. *Leucochloridium*), type Fasc. macrostoma.—Stoss., 1892, 4, 5; 1898, 23.—See also *Leucochloridium* 1835.

cercatum, see *cercatus*.

cercatus (Mont., 1893) Mont., 1893, 40, 42, 43, 83, 95, 102, 157 (*cercatum* and *cercatus*), 162-166, pl. 5, figs. 64-65; 1896, 167.—Looss, 1894a, 174 (*cercatum*); 1896b, 139, 140; 1899b, 654, 750.—Mueh., 1898, 16 (footnote); 1898, 99.

insignis Looss, 1899b, 596, 654, 748-750, figs. 49, 71 (in *Fulica atra*; Marg, Egypt).

macrostomum (Rud., 1803) Mont., 1893, 27, 67, 68, 76, 83, 95, 102, 107, 157.

macrostomus (Rud., 1803) Mont., 1892, Oct. 7, 187 (*macrostomum*); 1893, 27, 67, 68, 76, 83, 95, 102, 106, 107, 157, 162, 164 (*macrostomum* and *macrostomus*); 1896, 167.—Braun, 1901, 562, 564, 565, 567, 568; 1902b, 40 (in *Fringilla coelebs*), 42 (in *Fringilla linaria*, *Parus palustris*, of Vienna Col., Nos. 361 and 466), 124, 125 (*macrostomum*), 136, 139 (syns.: *Dist. elegans* pars, *D. caudale* of Mueller in *Coracias garrula*, *D. holostomum* Rud., 1819, *Cladocelium* hol. Stoss., 1892) (in *Rallus aquaticus*, *Gallinula chloropus*, *G. porzana*).—Jacoby, 1900, 20.—Kowal., 1902d, 28 (10); 1904, 25 (10) (in *Turtur aurita*; Dublin).—Looss, 1896b, 139 (to Dist.); 1899b, 654, 750, 761.—Muehl., 1898, 16, 17, footnote; 1898, 22, 99, 101.—Stoss., 1896, 127, fig. 1; 1898, 23-24 (in *Numenius tenuirostris*; Montalcone).—Reported also for *Passer domesticus*.

rossittensis Mueh., 1898, 16-17 (in *Turdus pilaris*; East Prussia); 1898b, 4, 22, 100-101, fig. 15 (at Rossitten).—Jacoby, 1900, 20.—Looss, 1899b, 654, 750, type of *Urotocus*.

URORYGMA Braun, 1901g, 942 (m. *nanodes*); 1902b, 138.—Pratt, 1902, 889, 904 (key to).

nanodes Braun, 1901g, 942-943 (in *Falco nitidus*; Brazil); 1902b, 138-140, figs. 81, 82.

UROTOCUS Looss, 1899b, 654-656 (tod. m. *rossittensis*); 1902m, 839.—Braun, 1900, 234; 1900, 390; 1902b, 140.—Luehe, 1901, 488.—Ofenheim, 1900, 183.—Pratt, 1902, 889, 907.

rossittensis (Mueh., 1898) Looss, 1899b, 655.

UROTREMA Braun, 1900, 390-391 (m. *scabridum*); 1902b, 140.—Looss, 1902m, 839.—Luehe, 1901, 488.—Pratt, 1902, 889, 901.

scabridum Braun, 1900, 390-391 (in *Fledermaus*); 1900b, 234-236, pl. 10, figs. 5, 10 (*Noctilio macropus*, *Molossus*, *Phyllostoma*; Brazil).

VALLISIA Par. & Per., 1890, 21 (m. *striata*); 1890, 18 (*striata*), *Octocotyli*dæ.—Braun, 1890a, 407, 451, 453, 469, 481, 484, 519, 523, 534, 536, 546; 1893a, 890.—Cerf., 1895h, 920; 1896, 515.—Gamb., 1896a, 73 (*Vallisnia*).—Mont., 1892, Oct. 7, 213 (subg. in *Octocotylinæ*); 1903, 336 (subf. *Octobohtrina*).—Pratt, 1900, 646, 651 (key), 656, fig. 32.—Stoss., 1898, 13.

striata Par. & Per., 1890, 21 (in *Lichia amia*; Trieste); 1890, 7; 1891, Jan. 19, 17-19.—Braun, 1890a, 534, 536, 548, 551 (in *Lichia amia*; Mittelmeer, Trieste).—Par., 1894, 594, 671.—Pratt, 1900, 656, 657, fig. 32.—Sons., 1890, 138 (to *Octocotyle*).—Stoss., 1898, 13-14.

VALLISNIA Gamb., 1896a, 73, for *Vallisnia*.

VERTUNNUS Otto, 1823, 294-300 (m. *thetidicola*), syn. of *Phœnicurus*.

thetidicola Otto, 1823, 294-300, pl. 41, figs. a-f (in *Thetis fimbria*) (syn. of *Phœnicurus varius* Rud.).—Braun, 1889a, 326.—Krohn, 1842a, 418-423.

VIRGULINA Bory St.-Vincent, 1823b, 356, genus of *Cercari*és.

WEDLIA Cobbold, 1860a, 37-38 (*bipartita* Wedl, from *Thynnus vulgaris*, was clearly intended as type).—Braun, 1893a, 894 (*faba* apparently taken as type by elimination).—Mont., 1888a, 9, 93; 1892, 714.—Tasch., 1879, 607.

1878: *Didymozoon* Tasch., 1878, 716.

1884: *Weidlia* Scudder, 1884, 335, misprint.

WEDLIA—Continued.

1902: *Didymostoma Ariola*, 1902, 103 (*bipartitum*).

bipartita (Wedl, 1855) Cobbold, 1860a, 38 (in *Thynnus vulgaris*).—Mont., 1893, 150.—Type of *Didymostoma* 1902.

faba (Bremser, 1831) Cobbold, 1860a, 38 (syns.: *Monost. faba* Bremser, Duj., Crep., Dies.; *M. bijugum* Miescher, Sieb.; *Globularia Orlando*) (in *Fringilla canaria*, *F. domestica*, *F. spinus*, *Parus major*, *Sylvia sibilatrix*, *S. trochilus*, *Motacilla boarula*).

WEIDLIA Scudder, 1884, 335, misprint for Wedlia.

XENODISTOMUM Staff., 1904, May 3, 483 (*ξένος*=stranger) (m. *melanocystis*).

melanocystis Staff., 1904, May 3, 483 (t. h. *Lophius piscatorius*; Canada) (*μέλας*, black; *κύστις*, bladder).—Odh., 1905, 310.

ZEUGORCHIS Staff., 1905, Apr. 11, 691–692 (*ζευγος*, pair; *ὄρχις*, testicle) (m. *aquatus*).

aquatus Staff., 1905, Apr. 11, 691–692 (= *Dist. sp.* Staff., 1902, 482) (in *Eutenia sirtalis*; Canada).

ZEUGORCHIS Nicoll, 1906, 514 (m. *acanthus*); 1907, 128, renamed *Parorchis*.

acanthus Nicoll, 1906, 514, 519–522, pl. 12, figs. 4–5, pl. 13, figs. 6–7 (in *Larus argentatus*).

(XIPHIDIOCERCARIA) Dies., 1855a, 388–390 (subg. of *Cercaria*); 1858d, 253, renamed *C. (Acanthocephala)*.

1858: *C. (Acanthocephala)* Dies., 1858d, 253–255.

armata (Sieb., 1837) Dies., 1855a, 388; 1858d, 251, to *C. (Acanthocephala)*.—See *endoloba*, type of *Opisthioglyphe* 1899.

gibba (Fil., 1854) Dies., 1855a, 389; 1858d, 257, to *C. (Acanthocephala)*.

macrocerca (Fil., 1855) Dies., 1855a, 389; 1858d, 255, to *C. (Acanthocephala)*.—See *cygnoides*, type of *Gorgodera*.

microcotyla (Fil., 1854) Dies., 1855a, 390; 1858d, 253, to *C. (Acanthocephala)*.—See *tetracystis*, type of *Cystagora*.

vesiculifera Dies., 1855a, 389; 1858d, 254, to *C. (Acanthocephala)*.

vesiculosa (Fil., 1854) Dies., 1855a, 389 (syn. of *Cerc. vesiculifera*).

ZOOGONINÆ Odhn., 1902, 63–64.—Goldschmidt, 1902e, 870.—Pratt, 1902, 889, 906 (key) (*Zoogonus*, *Zoogonoides*).

ZOOGONOIDES Odhn., 1902, 61, 64 (*tod. viviparus*).—Goldschmidt, 1902e, 870.—Pratt, 1902, 889, 906 (key).

viviparus (Olss., 1868) Odhn., 1902, 62–63, 64, fig. 2.—Goldschmidt, 1902e, 870.—Nicoll, 1907, 72, 83–84, pl. 2, fig. 8, pl. 3, fig. 9 (in *Pleuronectes limanda*, *P. platessa*, *Rhombus maximus*).

ZOOGONUS Looss, 1901d, 439 (*tod. mirus* indicated by “n. g. n. sp.”).—Luehe, 1901, 176.—Odh., 1902, 58–63, 64.—Pratt, 1902, 889, 906 (key).

mirus Looss, 1901, 439–442, fig. 6 (in *Labrus merula*; Trieste).—Goldschmidt, 1902e, 870–876, figs. 1–6 (in *Labrus merula*); 1903a, 535–536; 1905, July, 56; 1905, 607–654, pls. 36–38, figs. 1–42.—Nicoll, 1907, 83.—Odh., 1902, 58, 59, 60, 61, 64.—Røewer, 1906, 220, 221.

rubellus (Olss., 1868) Odhn., 1902, 59–61, 63, fig. 1.—Goldschmidt, 1902e, 870, 872, 873.

viviparus (Olss., 1868) Looss, 1901, 439, 440, 441, 442.—Type of *Zoogonoides* 1902.

ZOOSPERMA Bory St.-Vincent, 1823b, 356.

ADDENDA.

Since the manuscript of this bulletin left our hands, a number of additional references to trematodes have come into our possession. Only such references as involve new names and new combinations will be inserted in the addenda.

Particular attention is invited to an important change in the International Code relative to the collective groups, namely:

ART. 8.—Recommendation: Certain biological groups which have been proposed distinctly as collective groups, not as systematic units, may be treated for convenience as if they were genera, but they require no type species. Examples: *Agamodistomum*, *Amphistomulum*, *Agamofilaria*, *Agamomermis*, *Sparganum*.

In the present bulletin, types were designated for certain of these groups before the foregoing article was adopted. Such designation becomes null and void under this article.

(385)

ADDITIONAL SPECIFIC NAMES.

- acanthus* Nicoll, 1906. [See supra, p. 10.] Add: 1907: Parorchis.
- affinis* Looss, 1907, 158, t. h. *Anguilla chrysypa*, *Osmerus mordax*; U. S. A.—1907: *Brachyphallus*.
- albida* Braun, 1893. [See supra, p. 12.] Add: 1898: *Campula*.
- angulatum* Linst., 1907, 202, t. h. *Lucioperca sandra*; Wolga.—1907: *Phyllodist.*
- annuligerum* Nord., 1832. [See supra, p. 14.] Add: 1904: *Diplost.*
- appendiculata* Pelseneer, 1906, 167, t. h. *Natica alderi*; Boulogne-sur-Mer.—1906: *Cerc.*
- baccutus* Nicoll, 1907, 72, t. h. *Hippoglossus vulgaris*; Scotland.—1907: *Stephanochasmus*.
- bacillare* Mol., 1859. [See supra, p. 16.] Add: 1907: *Ophecona*, type.
- baculatum* Lint., 1907, 119, for *baculum* (*Gasterost.*).
- bathycotyle* Fischder., 1903b, 542, for *bathycotyle* (*Paramphist.*).
- bovium* Nakahama, (1883b).—1883: *Amphist.*
- branchialis* Willem, 1906, 599, t. h. *Raie bouclée*; Belgium.—1906: *Acanthocotyle*.
- brevicauda* Pelseneer, 1906, 167, t. h. *Littorina rudis*; Wimereux.—1906: *Cerc.*
- breviductus* Looss, 1907, 596, t. h. *Pelamys sarda*; Atlantic Ocean.—1907: *Dinurus*.
- burki* Rathelot, 1892a, 14, for *buskii* (*Dist.*).
- buski* Rail., 1898, 172, for *buskii* Lankester.—1898: *Campula*.
- caducum* Looss, 1907, 615, t. h. *Umbrina cirrhosa*.—1907: *Pristisomum*.
- calculus* Looss, 1907, 610, t. h. *Larus argentatus*, *L. ridibundus*; Triest.—1907: *Pachytrema*.
- caligarum* Ben., 1858a, 1861a, 12, for *caligorum* (*Udonella*).
- cignoides* Desmonceaux, 1868a, 21, for *cynoides* (*Dist.*).
- columba* Mazzanti, 1889. [See supra, p. 24.] Add: 1890: *Mesogonimus*.
- commutatum* Dies., 1850. [See supra, p. 24.] Add: 1898: *Clinost.*
- complexa* Stiles & Hass., 1894. [See supra, p. 25.] Add: 1898: *Campula*.
- conchicala* Nord., 1833b, 281, for *conchicola* (*Aspidogaster*).
- conchilega* Braun, 1883a, 41, for *conchicola* (*Aspidogaster*).
- conjuncta* Cobbold, 1860. [See supra, p. 25.] Add: 1898: *Campula*.
- conus* Crep., 1825. [See supra, p. 26.] Add: 1898: *Campula*.
- cornu* Dies., 1839. [See supra, p. 26.] Add: 1907: *Diplodiscus*.
- cornuta* Mueller, 1776a, 221.—1776: *Plan.*
- cotti* Zschokke, 1884, 6, t. h. *Cottus gobio*.—1884: *Sporocystis*.
- crenatum* Mol., 1859. [See supra, p. 27.] Add: 1907: *Lecithocladium*.
- crispata* Pelseneer, 1906, 171, t. h. *Natica alderi*; Boulogne.—1906: *Cerc.*
- cristatum* Rud., 1819. [See supra, p. 27.] Add: 1907: *Lecithocladium*.
- cuculus* Thoss, 1897, 1, t. h. *Larus ridibundus*; Kiel.—1897: *Holost.*
- cynoides ranæ* Wagener, 1857, 19.—1857: *Dist.*
- cylindraceum* Daday, 1907, 560, for *cylindraceum* (*Dist.*).
- cylindricus* Dies., 1836. [See supra, p. 28.] Add: 1907: *Pseudocladorchis*, type.

- dentalii* Pelseneer, 1906, 170, t. h. *Dentalium tarentinum*.—1906: Cerc.
- didactyla* Mrazek, 1907, 1, t. h. *Atyaephyra desmarestii*; Plavnica.—1907: Scutariella.
- dipsilis* Nicoll, 1907, 247, t. h. *Oidemia fusca*, *O. nigra*; Great Britain.—1907: Gymnophallus.
- dorsale* Freund, 1907, 718, for chordale (Amphist.).
- egyptiaca* Pease, 1901b, 7, for ægyptiaca (Fasc.).
- emasculans* Pelseneer, 1906, 166, t. h. *Littorina rudis*; Wimereux.—1906: Cerc.
- endorfi* Par. & Perugia, 1895, 2, for hendorfii (Phylline).
- excellens* Nicoll, 1907, 247, t. h. *Larus argentatus*; Great Britain.—1907: Spelotrema.
- fenestratum* Lint., 1907, 111, t. h. *Lycodontis moringa*; Bermuda.—1907: Dist.
- feriatum* Nicoll, 1907, 247, t. h. *Ægialitis hiaticula*, *Hæmatopus ostralegus*, *Pelidna* (*Tringa*) *alpina*, *Totanus calidris*, *Vanellus vanellus*; Great Britain.—1907: Spelotrema.
- ferrum-equinum* Dies., 1836. [See supra, p. 35.] Add: 1907: Microrchis.
- filum* Looss, 1907, 606, t. h. *Talpa europæa*; Leipzig.—1907: Itygonimus.
- furcata* Mueller, 1786a, 299, free form.—1786: Vorticella. 1816: Furcularia. [1825: Furcocerca serrata.]
- fusiforme* Luehe, 1901. [See supra, p. 37.] Add: 1907: Sterrhurus.
- galeatus* Looss, 1907, 165, t. h. *Mugil auratus*; Coast of Egypt.—1907: Lecithaster.
- gazze* Arch. f. Naturg., 1901, v. 2 (8), 188, for garzettæ (Echinost.).
- giardi* Pelseneer, 1906, 170 t. h. *Buccinum undatum*; Boulogne.—1906: Cerc.
- glaviger* Ssinitzin, 1906, 687, for claviger (*Pleurogenes*).
- gracilius* Pelseneer, 1906, 176, for grascilescens (*Gasterost.*).
- grandiporum* Rud., 1819. [See supra, p. 39.] Add: 1907: Sterrhurus.
- gratosum* Nicoll, 1907, 247, t. h. *Pelidna* (*Tringa*) *alpina*; Great Britain.—1907: Maritrema.
- gravidum* Looss, 1907, 603, t. h. *Anguilla vulgaris*; ?Triest.—1907: Lecithochirium.
- gulosum* Lint., 1901. [See supra, p. 39.] Add: 1907: Lecithocladium.
- gyrinus* Lint., 1907, 107, t. h. *Lactophrys tricornis*, *L. trigonus*; Bermuda.—1907: Dist.
- hæmatodium* Dewitz, 1892b, 106, for hæmatobium (Dist.).
- haswelli* Mont., (1898), 1899, 122, see blanchardi 1893.—1899: Actinodactynella (type).
- hepaticum hominis* Cobbold, 1884g, 976.—1884: Dist. See Fasc. hep.
- heterophyes* Sieb., 1853. [See supra, p. 41.] Add: 1898: Clinost. 1904: Paraninus.
- hæmatobium* Rathelot, 1892a, 14, 15, for hæmatobium (Dist.).
- humile* Nicoll, 1907, 247, t. h. *Totanus calidris*; Great Britain.—1907: Maritrema.
- imocavus* Looss, 1907, 601, t. h. *Thynnus* sp. (?thunnina); Alexandria, Egypt.—1907: Sterrhurus.
- inermis* Goto, 1899a, 273, see læve var. inermis (Trist.).
- inversum* Looss, 1907, 615, t. h. *Chrysophrys aurata*; Triest.—1907: Placotrema.
- jacksoni* Cobbold, 1869a, 80, for jacksonii (Fasc.).
- jaksoni* Stazzi, 1900, 3, 4, 5, for jacksonii (Fasc.).
- jejunum* Nicoll, 1907, 248, t. h. *Totanus calidris*; Great Britain.—1907: Toco-trema.
- kordatum* see cordatum.
- laguncula* Looss, 1907, 69, t. h. [fish]; Triest.—1907: Aponurus, type.
- lamelliforme* Lint., 1907, 108, t. h. *Balistes carolinensis*, *Lactophrys tricornis*, *L. trigonus*; Bermuda.—1907: Dist.

- lapidus* Looss, 1907, 69, t. h. fish. [See p. —.]—1907: Ectenurus.
laurentina Borelli, 1897, 1.—1897: Plan.
lenori Mont., 1896, 167, for lenoiri (Cephalogonimus).
lepidum Nicoll, 1907, 247, t. h. *Larus argentatus*; Great Britain.—1907: Mari-trema.
lepidus Looss, 1907, 597, t. h. *Lichia amia*.—1907: Ectenurus, type.
leptosomum Ræwer, 1906, 185, 186, for leptostomum (Dist.).
levenseii Lint., 1907, 110, t. h. *Epinephelus maculosus*, *E. striatus*; Bermuda.—1907: Dist.
longisinus Looss, 1907, 596, t. h. *Coryphæna hippuris*; Red Sea, Aden.—1907: Dinurus.
lophocerca Fil., 1857. [See supra, p. 49.] Add: 1907: Monost.
lugubris Morgan, 1901, 179.—1901: Plan.
lunatus Dies., 1836. [See supra, p. 49.] Add: 1907: Chiorchis.
macrophallos Linst., 1875. [See supra, p. 50.] Add: 1907: Levinseniella.
macrostomus Daday, 1907, 506, t. h. *Salmo pacupa*, *S. sp.*; South America.—1907: Pseudocladorchis.
mamillaris Gærtner in Pallas, 1774, 20.—1774: Distomus.
marenzelleri Daday, 1907, 473, t. h. *Salmo sp.*; South America.—1907: Diplo-discus.
margaritarum Dubois, 1901. [See supra, p. 51.] Add: 1907: Gymnophallus.
marmorata Bosc, 1802a, v. 1, 262, for marmorosa?—1802: Plan.
m'connelli McConnell, 1878a, 406, for macconnelli (Dist.).
megacotyle Dies., 1836. [See supra, p. 52.] Add: 1907: Microrchis, type.
megalocotyle Walter, 1893, 19, 24, for megacotyle (Amphist.).
melangi Lebour, 1907, 442, for merlangi (Octobothrium).
micocera Lebour, 1906, 7, for myocerca (Cerc.).
minor Ben., 1858, 98, see armata minor (Cerc.).
montenegrina Mrazek, 1904a, 1; Montenegro.—1904: Plan.
monticelli Mont., 1905, 74, for monticellii (Acanthocotyle).
muehlingi Nicoll, 1907, 257, 259, for mühlingi (Dist.).
musculus Looss, 1907, 600, t. h. *Anguilla vulgaris*, *Dentex vulgaris*; Triest.—1907: Sterrhurus, type.
myocercoides Pelseneer, 1906, 162, t. h. *Syndosmya alba*; Boulogne-sur-Mer.—1906: Cerc.
nanus Stiles & Goldberger, 1908, 23, t. h. *Francolinus subtorquatus*; Africa.—1908: Agamodist.
nephrodorchis Daday, 1907, 501, t. h. *Salmo pacu*, *S. pacupa*; South America.—1907: Pseudocladorchis.
nigrotincta Pelseneer, 1906, 166, t. h. *Syndosmya alba*; Boulogne-sur-Mer.—1906: Cerc.
novæ zealandiæ Haswell, 1888, 50, for novæ zelandiæ (Temnocephala).
obtusicauda Pelseneer, 1906, 182, for obtusicaudata (Cerc.).
obtusicaudata Pelseneer, 1906, 167, t. h. *Natica alderi*; Boulogne.—1906: Cerc.
oocysta Lebour, 1907, 439, t. h. *Paludestrina stagnalis*; Northumberland Coast.—1907: Cerc.
opaca Ward, 1894. [See supra, p. 59.] Add: 1907: Levinseniella.
ophthalmobium Rathelot, 1892a, 14, for ophthalmobium (Dist.).
paguri Nord., 1833b, 379.—1833: Polyst.
pankreatikum Katsurada & Saito, —, Hyg. Centralbl., v. 3, Oct., 279, for pan-creaticum (Dist.).
papillatus Daday, 1907, 520, t. h. *Cholossoma brachypoma*; Paraguay.—1907: Chiorchis.
paronæ Mont., 1907, 3, t. h. *Crenilabrus pavo*; Genoa.—1907: Encotyllabe.
parvirenalis Pelseneer, 1906, 165, t. h. *Natica alderi*; Boulogne.—1906: Cerc.
pedicellatum Luehe, 1900u, 487, for pedicellatum (Dist.).

- pellucida* Jägers. 1907, 134, t. h. *Anas boschas fera*, *Fuligula fuligula*; West Coast of Sweden.—1907: *Levinсениella*.
- petromyzi fluviatilis* Dies., 1858e, 316, for *peteromyzi fluviatilis* (Diplost.).
- philippinensis* Stiles & Goldberger, 1908, 23, t. h. *Bos* sp.; Manila, P. I.—1908: *Homalogaster*.
- pirum* Lebour, 1907, 439, t. h. *Paludestrina stagnalis*; Northumberland Coast.—1907: *Cerc*.
- polymastus* Schneidemuëhl, 1896, 303, for *polymastos* (*Gastrodiskus*).
- preistis* Mola, 1907, 39, for *pristis* (Dist.).
- propinqua* Jägers., 1907, 135, t. h. *Charadrius hiaticula*, *Hæmatopus ostralegus*; West Coast of Sweden.—1907: *Levinсениella*.
- pumex* Looss, 1907, 615, t. h. *Caranx trachurus*.—1907: *Pristisomum*.
[*pupula* Bory St.-Vincent, 1825b, 252.—1825: *Histrionella*.]
- pusillum* Harz, 1881c, 3, for *pusillum* (Dist.).
- putorii* Schrank,? or Gmelin, 1790. [See supra, p. 66.] Add: 1898: *Echinost.*
- quadrangulatum* Daday, 1907, 470, t. h. *Salmo pacu*; Cuyaba.—1907: *Dist.*
- raggazii* Janicki, 1907, 719, for *raggazii* (*Syncoelium*).
- rajazzii* Ariola, 1899, 135, for *raggazii* (Dist.).
- ranerium* Nardo, 1833a, 523, for *raynerianum* (Dist.).
- rathousii* Mont., 1893, 33, for *rathouisi* (Dist.).
- ropaloides* Olss., 1867a, 19, 48, for *ropaloides* (*Amphist.*).
- rugosa* Dies., 1850a, 408, t. h. *Antilope pyarga*; Port Natal.—1850: *Gyrocotyle*, type.
- rugosus* Looss, 1907, 591, t. h. *Clupea pilchardus*, *C. sardina*, *Rhombus maximus*; Triest.—1907: *Hemiurus*.
- sanguicola* delle Chiaje, 1825a, 15.—1825: *Hexathyridium*.
- sciænæ* Fraip., 1880c, 442, for *sciænæ* (*Epibdella*).
- scleroporum* Rud. of Brand., 1891d, 19, for *Crep.*?—1891: *Amphist.*
- semifusum* Looss, 1907, 607, t. h. *Circetus* [= *Circætus*?] *gallicus*; Genoa.—1907: *Platynosum*, type.
- seminis* Owen, 1835l, 394.—1835: *Cerc*.
- serrata* Bory St.-Vincent, 1825a, 84, t. h. "infusion de foin."—1825: *Furcocerca*.
- siluris glanidis* Hofer, 1904a, 169, for *siluri glanidis* (*Dactylogyrus*).
- simile* Jägers., 1900. [See supra, p. 72.] Add: 1906: *Dist.*
- simplicissima* Morgan, 1904, 385.—1904: *Plan.*
- sincens* Cobbold, 1875. [See supra, p. 72.] Add: 1898: *Campula*.
- stellatus* Looss, 1907, 165, t. h. *Belone acus*, *Dentex vulgaris*, *Mæna vulgaris*; Triest.—1907: *Lecithaster*.
- stossichi* Looss, 1907, 69, for *stossichii* Mont.—1907: *Aphanurus* (type).
- subtenue* Lint., 1907, 106, t. h. *Calamus calamus*, *Harpe rufa*, *Iridio bivittatus*, *Lachnolaimus maximus*; Bermuda.—1907: *Dist.*
- syndosmya* Pelseneer, 1906, 172, t. h. *Syndosmya alba*; Boulogne-sur-Mer.—1906: *Cerc*.
- tenuicollis* Rud., 1819. [See supra, p. 77.] Add: 1898: *Campula*.
- tomex* Lint., 1907, 112, t. h. *Epinephelus striatus*; Bermuda.—1907: *Dist.*
- toratum* Rud., 1819. [See supra, p. 78.] Add: 1907: *Dinurus* (type).
- triangulæ* Linst., 1878, 72, for *triangulare* (Dist.).
- trilobata* Bory St.-Vincent, 1825a, 84, t. h. "infusions d'écorce de chêne."—1825: *Furcocerca*.
- trimellaris* Bosc, 1802a, v. I, 262.—1802: *Plan.*
- trulla* Lint., 1907, 109, t. h. *Ocyurus chrysurus*; Bermuda.—1907: *Dist.*
- ubiquita* Lebour, 1907, 439, t. h. *Littorina obtusata*, *L. rudis*, *Paludestrina stagnalis*; Northumberland Coast.—1907: *Cerc*.
- urna* Grube & Wagener, 1852, 543, t. h. *Chimæra monstrosa*.—1852: *Amphiptyches* (type).—1896: *Gyrocotyle*. [Now in the *Cestodaria*.]
- vallei* Mont., 1907, 3, t. h. *Chrysophrys aurata*; Triest.—1907: *Encotyllabe*.

- vaullegeari* Pelseneer, 1906, 175, t. h. *Trochus cinerarius*; Wimereux.—1906: Cerc.
- virgula* Looss, 1907, 111, t. h. *Cepola rubescens*, *Engraulis encrasicholus*; Triest.—1907: *Aphanurus*.
- volgensis* Linst., 1907, 201, t. h. *Lucioperca sandra*; Wolga.—1907: *Ptychogonimus*.
- watsoni* Conyngham, 1904. [See supra, p. 83.] Add: 1907: *Gastrodiscus*.
- westermanni* Rail., 1898, 173, for *westermanii* Kerbert, 1878. [See supra, p. 83.] Add: 1898: *Clinost*.

ADDITIONAL GENERIC AND SPECIFIC BIBLIOGRAPHY.

ACANTHOCOTYLE. [See above, p. 85.]

branchialis Willem, 1906, 599-607, figs. 1-10 (in Raie bouclée; Belgium).

AGAMODISTOMUM. [See above, p. 87.]

nanus Stiles & Goldberger, 1908, 30-33, figs. 45-64 (in Francolinus subtorquatus; Benguela, West Africa).

AMPHIPTYCHES Grube & Wagener, 1852, 543 (m. urna).

urna Grube & Wagener, 1852, 543-554 (in Chimæra monstrosa).

AMPHISTOMA. [See above, p. 89.]

bovium Nakahama, (1883b).—Teste Surg.-Gen. Cat.

dorsale Freund, 1907, 718, for chordale.

megalocotyle Walter, 1893, 19, 24, for megacotyle.

ropaloides Olss., 1867a, 19, 48, for ropaloides.

APHANURUS Looss, 1907, May 14, 591 (tod. stossichi), Hemiurinae. Hemiuridae; 1907, 69, 74, 78, 98, 107-109, 160.

stossichi (Mont., 1891) Looss, 1907, 591 (in Box boops, Caranx trachurus, Clupea pilchardus (t. h.), C. sardina, Lichia amia, Mæna vulgaris; Naples, Triest, t. l.); 1907, 69, 107, 109-111, 159, pl. 8, figs. 7, 8 (in Clupea aurita).

virgula Looss, 1907, May 14, 592 (in Cepola rubescens, Engraulis encrasicolus; Triest); 1907, 111, 159, pl. 9, figs. 15, 16.

APONURUS Looss, 1907, May 14, 607-608 (tod. laguncula), Lecithasterinae. Hemiuridae; 1907, 69, 74, 78, 99, 101, 111, 166-168.

laguncula Looss, 1907, May 14, 608 (in Belone acus, Lichia amia, Engraulis encrasicolus, Mullus barbatus, Cadus euxinus, Merlucius esculentus, Trachinus draco; Triest); 1907, 69, 110, 167, 169, pl. 13, figs. 53, 54, pl. 15, figs. 77, 78 (in Mæna vulgaris; Triest).

ASPIDOGASTER. [See above, p. 103.]

conchicala Nord., 1833b, 281, for conchicola.

BRACHILAIMUS Neumann, 1897f, 674, misprint for Brachylaimus. [See above, p. 116.]

BRACHYPHALLUS. [See above, p. 116.]

affinis Looss, 1907, 158-159, B. crenatus Rud. of Lander, 1904, renamed (in Anguilla chrysypa, Osmerus mordax; U. S. A.).

CALLYCOTYLE Mont., 1892a, 213, for Calicotyle. [See above, p. 119.]

CAMPULA. [See above, p. 120.]

albida (Braun, 1893) Rail., 1898, 172 (in cat and dog).

buski (Lankester, 1857) Rail., 1898, 172.

complexa (Stiles & Hass., 1894) Rail., 1898, 172 (in cat).

conjuncta (Cobbold, 1860) Rail., 1898, 172 (in Canidés).

conjuncta (of McConnell, 1875) Rail., 1898, 172 (in man).

conus (Crep., 1825) Rail., 1898, 172 (syn. Amphist. truncatum).—Reported for Phoca grœnlandica, P. vitulina.

sinensis (Cobbold, 1875) Rail., 1898, 172.

tenuicollis (Rud., 1819) Rail., 1898, 172 (syns. D. felineum, D. tenuicolle) (in cat and dog, Phoca).

(CEPHALOGONIMUS). [See above, p. 121.]

species Staff., 1902, 481.

CERCAREA Cobbold, 1873c, 14, for Cercaria. [See p. 121.]

CERCARIA. [See above, p. 121.]

appendiculata Pelseneer, 1906, 167, 174–175, 179, pl. 12, figs. 46–52 (in *Natica alderi*; Boulogne-sur-Mer).

brevicauda Pelseneer, 1906, 167, 179, 184, pl. 9, figs. 10, 11 (in *Littorina rudis*; Wimereux).

crispata Pelseneer, 1906, 171–172, 179, pl. 11, figs. 39–40 (in *Natica alderi*; Boulogne).

dentalii Pelseneer, 1906, 170, 171, 181, pl. 11, figs. 34, 35 (in *Dentalium tarentinum*).

emasculans Pelseneer, 1906, 166, 179, pl. 9, fig. 12 (in *Littorina rudis*; Wimereux).

giardi Pelseneer, 1906, 170–171, pl. 11, figs. 36–38 (in *Buccinum undatum*; Boulogne).

migocera Lebour, 1906, 7, for myocerca (in *Scrobicularia tenuis*).

minor Ben., 1858, 98, see *armata minor*.

myocercoides Pelseneer, 1906, 162–163, 179, pl. 8, figs. 1–2 (in *Syndosmya alba*; Boulogne-sur-Mer).

nigrotincta Pelseneer, 1906, 166, 179, pl. 9, fig. 9 (in *Syndosmya alba*; Boulogne-sur-Mer).

obtusicauda Pelseneer, 1906, 182, ?for *obtusicaudata*.

obtusicaudata Pelseneer, 1906, 167–168, 179, pl. 9, figs. 16–19, pl. 12, fig. 44 (in *Natica alderi*; Boulogne).

oocysta Lebour, 1907, 439, 440, 445–446, pl. 10, figs. E, F, G, (in *Paludestrina stagnalis*; Northumberland Coast).—Nicoll, 1907, 269.

parvirenalis Pelseneer, 1906, 165–166, 179, pl. 8, figs. 7, 8 (in *Natica alderi*; Boulogne).

pirum Lebour, 1907, 439, 440, 446–447, pl. 9, figs. F, G, (in *Paludestrina stagnalis*; Northumberland Coast).—Nicoll, 1907, 269.

seminis Owen, 1835l, 394.

species Lebour, 1906, 7 (in *Donex vittatus*, *Tellina tenuis*; Alnmouth Land).

species Lint., 1905d, 333, 401 (in *Monacanthus hispidus*; Beaufort, N. C.).

syndosmya Pelseneer, 1906, 172–173, 179, 185, pls. 10, 11, figs. 20, 21, 23 in *Syndosmya alba*; Boulogne-sur-Mer).—Giard, 1907, 419 (in *Syndosmya alba*).

ubiquita Lebour, 1907, 439, 440, 444–445, pl. 9, figs. D, E, (in *Littorina obtusata*, *L. rudis*, *Paludestrina stagnalis*; Northumberland Coast).

vaullegeardi Pelseneer, 1906, 175–176, 179, 180, pl. 11, figs. 41–43, 45 (in *Trochus cinerarius*; Wimereux).

CHELONELLA Ben. & Hesse, 1863, 80.—Mont., 1907, 6, syn. of *Encotyllabe*.

CHIORCHIS. [See above, p. 135.]

lunatus (Dies., 1836) Daday, 1907, 472.

papillatus Daday, 1907, 520–525, 534, 535, 536, 537, 538, 541, 542, 543, 545, 546, 547, 548, 550, 551, 552, 554, 555, 556, 557, 558, 561, 562, 564, 566, 567, 568, 570, 571, 572, 579, 581, 582, pl. 26, figs. 16, 17, 21, 24, 25, pl. 27, figs. 3, 4 (t. h. *Colossoma brachypoma*; Paraguay; also in *Doras murica*, *Salmo pacu*).

CLINOSTOMUM. [See above, p. 137.]

commutatum (Dies., 1850) Rail., 1898, 173 (in pigeonneaux, poulets).

heterophyes (Sieb., 1853) Rail., 1898, 173 (in chien, homme).

westermanni (Kerbert, 1871) Rail., 1898, 173 (in chat, chien, homme).

DACTYLOCOTYLE. [See above, p. 144.]

species Lint., 1905d, 333, 352, pl. 20, fig 151 (in *Brevoortia tyrannus*; Beaufort, N. C.).

DACTYLOGYRUS. [See above, p. 145.]

siluris glanidis Hofer, 1904a, 169, for *siluri glanidis*.

species Olss., 1883a, 53 (in *Coregonus lavaretus*).

- DIACROCÆLIUM** Neumann, 1897f, 673, misprint for *Dicrocælium*.
- DINURINÆ** Looss, 1907, May 14, 592–593 (subf. of *Hemiuridæ*, contains: *Dinurus*, *Ectenurus*); 1907, 69, 99, 111–112, 125.
- DINURUS** Looss, 1907, May 14, 593 (tod. *tornatus*) [nec *Dinoura* Ashmead]; *Dinurinae*, *Hemiuridæ*; 1907, 69, 99, 112–117, 123, 131
- barbatus* (Cohn, 1902) Looss, 1907, 594–596 (in *Coryphæna equisetis*, *C. hippurus*, *Pelamys sarda*); 1907, 118, 121, pl. 8, fig. 11, pl. 9, figs. 19, 20, 21.
- brevi ductus* Looss, 1907, May 14, 596 (t. h. *Pelamys sarda*; Atlantic Ocean; also in *Coryphæna hippurus*, at Beaufort, N. C.); 1907, 118–119, 120, 121, 122, pl. 8, fig. 12, pl. 10, figs. 22, 23.
- longisinus* Looss, 1907, May 14, 596 (in *Coryphæna hippurus*; Red Sea, near Aden); 1907, 86, 119–123, pl. 8, fig. 13, pl. 10, figs. 24, 25.
- tornatus* (Rud., 1819) Looss, 1907, 593–594 (in *Coryphæna equisetis*, *C. hippurus*, (t. h.) *Pelamys sarda*; Beaufort, N. C., Atlantic Ocean); 1907, 69, 112, 117, 120, 121, 122, pl. 8, figs. 9, 10; pl. 9, figs. 17, 18.
- DIPLODISCUS**. [See above, p. 155.]
- cornu* (Dies., 1839) Daday, 1907, 478–481, 527, 530, 533, 545, 546, 547, 549, 550, 551, 552, 554, 565, 568, 576, 581, pl. 24, figs. 11–15 (in *Cataphractus vaca* [= *Doras*] *vaca*; Rio Branco).
- marenzelleri* Daday, 1907, 473–478, 481, 527–530, 531, 532, 533, 546, 547, 548, 549, 550, 551, 552, 554, 564, 565, 568, 572, 576, 581, pl. 24, figs. 4–10 (in *Salmo* sp.; loc. South America, same as *Amphist. oxycephalum*).
- DIPLOSTOMIASIS** Hofer, 1904a, 138ff, refers to infection with *Diplostomum*.
- DIPLOSTOMUM**. [See above, p. 156.]
- annuligerum* (Nordm., 1832) Hofer, 1904a, 295, 296, fig. 189 (in *Perca fluviatilis*).
- peteromyzi fluviatilis* Dies., 1858e, 316, for *peteromyzi* fluv.
- DISTOMA**. [See above, p. 159.]
- betencourti* Mont., 1892b, 127, pl. 8, fig. 12.
- burki* Rathelot, 1892a, 14 for *buskii*.
- cignoides* Desmonceaux, 1868a, 21, for *cygnoides*.
- cylindraceum* Daday, 1907, 560, for *cylindraceum*.
- fenestratum* Lint., 1907, 111–112, pl. 12, figs. 86–91 (in *Lycodontis moringa*; Bermuda); includes *Dist. sp.* Lint., 1904, 373, figs. 213–214.
- folium* Olfers, 1816. [See supra, p. 190.]—Zschokke, 1884, 11, 50–52, pl. 2, fig. 11 (in *Cottus gobio*, *Salmo umbla*, *Thymallus vulgaris*, *Trutta variabilis*); 1896, 773, 774, 776, 780, 783, 820 (in *Trutta fario*, *Cottus gobio*).
- gyrinus* Lint., 1907, 107–108, pl. 10, figs. 72–74 (in *Lactophrys tricornis*, *L. trigonus*; Bermuda).
- hæmatodidium* Dewitz, 1892b, 106, for *hæmatobium*.
- hæmatobium* Rathelot, 1892a, 14, 15, for *hæmatobium*.
- lamelliforme* Lint., 1907, 108–109 (in *Balistes carolinensis*, *Lactophrys tricornis*, *L. trigonus*; Bermuda).
- levenseni* Lint., 1907, 110, pl. 12, figs. 80–83 (in *Epinephelus maculosis*, *E. striatus*; Bermuda).
- muehlingi* Nicoll, 1907, 257, 259, for *mühlingi*.
- noverca* (Braun, 1902) Verdun, 1907, 274.
- ophthalmobium* Rathelot, 1892a, 14, for *ophthalmobium*.
- pancreatikum* Katsurada & Saito, Hyg. Centralbl., v. 3, Oct., 279, for *pancreatium*.
- preistis* Mola, 1907, 39, for *pristis*.
- quadrangulatum* Daday, 1907, 470–472, pl. 24, figs. 1–3 (in *Salmo pacu*=*Mycetes bidens*; Cuyaba).
- rajazzii* Ariola, 1899, 135 to (Polyorchis), for *ragazzii*.
- ranerium* Nardo, 1833a, 523, for *raynerianum*.
- similis* (Jægers., 1900) Lebour, 1906, 6.

DISTOMA—Continued.

- species Hausmann, 1899a, 448, 450 (in *Gallus dom.*).
- species Hausmann, 1899a, 449 (in *Corvus frugilegus*).
- species Schröder, Hofer, 1904a, 285 (in *Esox lucius*).
- species Lebour, 1905, 1–3, figs. A, C (in *Cardium edule*).
- species Lebour, 1907, 102–104, pl. 7 (in *Cardium edule*; England).
- species Lebour, 1907, 105–106, pl. 8, figs. C–D (in *Patella vulgata*).
- species Lebour, 1907, 104–105, pl. 8, figs. A, B (in *Purpura lapillus*; England).
- species Lint., 1905d, 335, 389, pl. 23, figs. 168, 169, 170 (in *Bairdiella chrysura*; Beaufort, N. C.).
- species Lint., 1905d, 335, 403, pl. 29, fig. 208 (in *Chilomycterus schœpfi*; Beaufort, N. C.).
- species Lint., 1905d, 335, 374 (in *Coryphæna equisetis*; Beaufort, N. C.).
- species Lint., 1905d, 335, 373, pl. 30, figs. 213, 214 (in *Coryphæna hippurus*; Beaufort, N. C.).
- species Lint., 1905d, 335, 385 (in *Cynoscion regalis*; Beaufort, N. C.).
- species Lint., 1905d, 335, 350, pl. 29, fig. 209 (in *Galeichthys milberti*; Beaufort, N. C.).
- species Lint., 1905d, 335, 382, pl. 24, fig. 179 (in *Lagodon rhomboides*; Beaufort, N. C.).
- species Lint., 1905d, 335, 393 (in *Leiostomus xanthurus*; Beaufort, N. C.).
- species Lint., 1905d, 335, 415 (in *Lophopsetta maculata*; Beaufort, N. C.).
- species Lint., 1905d, 335, 360 (in *Menidia menidia*; Beaufort, N. C.).
- species Lint., 1905d, 335, 397 (in *Micropogon undulatus*; Beaufort, N. C.).
- species Lint., 1905d, 335, 410, pl. 22, fig. 167, pl. 29, fig. 205, pl. 30, fig. 215 (in *Opsanus tau*; Beaufort, N. C.).
- species Lint., 1905d, 335, 413, 414 (in *Paralichthys albiguttus*; Beaufort, N. C.).
- species Lint., 1905d, 335, 404, pl. 21, fig. 157 (in *Prionotus scitulus*; Beaufort, N. C.).
- species Lint., 1905d, 335, 349, pl. 30, fig. 210 (in *Pteroplatea maclura*; Beaufort, N. C.).
- species Lint., 1905d, 335, 372, pl. 23, figs. 171, 172 (in *Rachycentron canadus*; Beaufort, N. C.).
- species Lint., 1905d, 335, 364, pl. 29, figs. 206, 207 (in *Seriola lalandi*; Beaufort, N. C.).
- species Lint., 1905d, 335, 359 (in *Siphostoma fuscum*; Beaufort, N. C.).
- species Lint., 1905d, 335, 402, pl. 22, fig. 165 (in *Spheroides maculatus*; Beaufort, N. C.).
- species Lint., 1905d, 335, 361, pl. 30, fig. 211 (in *Sphyræna borealis*; Beaufort, N. C.).
- species Lint., 1905d, 335, 353, pl. 22, fig. 166 (in *Stolephorus brownii*; Beaufort, N. C.).
- species Lint., 1905d, 335, 416, pl. 22, figs. 161, 162, 163, 164, pl. 30, fig. 212 (in *Symphurus plagiosa*; Beaufort, N. C.).
- species Lint., 1905d, 335, 366, pl. 29, fig. 204 (in *Trachinotus carolinus*; Beaufort, N. C.).
- species Lint., 1907, 114, pl. 7, fig. 57 (in *Angelichthys ciliaris*; Bermuda).
- species Lint., 1907, 117, pl. 12, fig. 84 (in *Balistes carolinensis*; Bermuda).
- species Lint., 1907, 116, pl. 10, fig. 70 (in *Bodianus fulvus punctatus*; Bermuda).
- species Lint., 1907, 115–116, pl. 10, fig. 69 (in *Chaetodon* sp.; Bermuda).
- species Lint., 1907, 117, pl. 13, fig. 85 (in *Paranthias furcifer*; Bermuda).
- species Lint., 1907, 118 (in *Salarichthys textilis*; Bermuda).
- species Lint., 1907, 114, pl. 8, figs. 59–60 to (*Lecithocladium*) (in *Seriola dumerili*; Bermuda).

DISTOMA—Continued.

- species Lint., 1907, 113, pl. 7, figs. 55–56 (in *Seriola fasciata*; Bermuda).
 species Lint., 1907, 116, pl. 10, fig. 70 (in *Sphryæna sphryæna*; Bermuda).
 species Lint., 1907, 118 (in *Teuthis cœruleus*; Bermuda).
 species Lint., 1907, 114–115, pl. 8, fig. 61 (in *Teuthis hepatus*; Bermuda).
 species Lint., 1907, 115, pl. 8, fig. 62 (in *Tylosurus acus*; Bermuda).
 species Olss., 1876a, 148 (in gall bladder of *Larus argentatus*).
subtenue Lint., 1907, 106, pl. 9, fig. 65 (in *Calamus calamus*, *Harpe rufa*,
Iridio bivittatus, *Lachnolaimus maximus*; Bermuda).
tomex Lint., 1907, 112–113, pl. 14, figs. 94–96 (in *Epinephelus striatus*;
 Bermuda).
trulla Lint., 1907, 109, pl. 9, fig. 79 (in *Ocyurus chrysurus*; Bermuda).

DUCROCELIUM Neumann, 1897f, 659, misprint for *Dicrocoelium*.

ECHINOSTOMUM. [See above, p. 246.]

- gazzette* Arch. f. Naturg., 1901, v. 2 (8), 188, for *garzette*.
putorii (Schrank,? or Gmelin, 1790) Rail., 1898, 172 (syn. *Fasc. trigonocephala*) (in dog).
 species Hausmann, 1899a, 448, 449, 452 (in *Corvus frugilegus*).
 species Wolffhuegel, 1900, 35.

ECTENURUS Looss, 1907, May 14, 596–597 (tod. *lepidus*): *Dinurinae*, *Hemiuridae*; 1907, 69, 99, 123–124, 131, 153, 167.

- lepidus* Looss, 1907, 597 (t. h. *Lichia amia*; also in *Atherina hepsetus*, *Caranx trachurus*, *Cepola rubescens*, *Lophius piscatorius*, *Mæna vulgaris*, *Scomber colias*, *Smaris alcedo*, *Trachypteron tænia*); 1907, 69, 123, 124, pl. 10, figs. 26, 27, pl. 13, fig. 46.

ENCOTYLLABE. [See above, p. 251.]

- paronæ* Mont., 1907, 3, 4, 6, 7, 9–10, pl. 10, figs. 13–15 (in *Crenilabrus pavo*; Genova), E. sp. of Braun, Par. & Per., St. Remy.
 species Lint., 1907, 103, pl. 7, figs. 49–53 (in *Calamus calamus*; Bermuda).
vallei Mont., 1907, 3, 4, 6, 7, 10–11, pl. 10, figs. 4–9, 16 (in *Chrysophrys aurata*; Triest).

FASCIOLA. [See above, p. 254.]

- egyptiaca* Pease, 1901b, 7, for *ægyptiaca*.
jacksoni Cobbold, 1869a, 80, for *jacksonii*.
jaksoni Stazzi, 1900, 3, 4, 5, for *jacksonii*.
magna (Bassi, 1875) Sons., 1889, 275.
 species Merrem, 1781, 169–172, pl. 1, figs. 3–7 (in mouse) “*Sack-Egels*.”—Stiles & Stev., 1905a, 10 syn. of *Tænia teniæformis*.—Stiles, 1906a, 43, syn. of *Cysticercus fasciolaris*.

GASTEROSTOMUM. [See above, p. 270.]

- baculatum* Lint., 1907, 119, ?for *baculum*.
gracilius Pelseneer, 1906, 176, for *gracilescens*.
 species Braun, 1893a, 866 (in *Belone vulgaris*, *Cardium edule*, *C. rusticum*, *Ostrea edulis*, Rothen, Haie).
 species Lint., 1907, 119 (in *Mycteroperca apua*; Bermuda).
 species Lint., 1905d, 335, 379 (in *Orthopristsis chrysopterus*; Beaufort, N. C.).
 species Lint., 1905d, 335, 364 (in *Seriola lalandi*; Beaufort, N. C.).
 species Olss., 1869b, 498.
 species Tennent, 1906, 640 (in *Scomberomorus maculatus*).
 species Tennent, 1906, 640, 679, 682 (in *Tylosurus marinus*).
 species Ziegler, 1883, 539 (in *Cyclopterus lumpus*).

GASTRODISCUS. [See above, p. 273.]

- watsoni* (Conyngham, 1904) Verdun, 1907, 285, fig. 110.

GASTROSTOMUM Otto, 1896a, 122, for *Gasterostomum*.

GYMNOPHALLUS. [See above, p. 276.]

dipsilis Nicoll, 1907, 247, 263-265 (in *Oidemia fusca*, *O. nigra*; Great Britain).

margaritarium (Dubois, 1901) Dubois, 1907, 502-504 (in *Mytilus edulis*, *M. gallo-provincialis*).—Giard, 1907, 419.

GYRODACTYLIASIS Hofer, 1904a, 134ff, name of infection.

HEMIURUS. [See above, p. 282.]

rugosus Looss, 1907, May 14, 591 (in *Clupea pilchardus*, *C. sardina*, *Rhombus maximus*; Trieste); 1907, 105-106, 159, pl. 7, figs. 4, 5 (syn. *H. stossichi* Luehe, not *Apoblema* st. Mont., 1891).

HEXATHYRIDIDIUM. [See above, p. 286.]

sanguicola delle Chiaje, 1825a, 15 (syn. of *Polyst. venarum*).

HOLOSTOMUM. [See above, p. 289.]

cusculus Thoss, 1897, 1-66, pls. 1-2 (in *Bursa* fab. of *Larus ridibundus*; Kiel).—Kopczynski, 1907, 642.

HOLOSTONUM Thoss, 1897, 12, for *Holostomum*.

HOMALOGASTER. [See above, p. 294.]

philippinensis Stiles & Goldberger, 1908, 25-30, figs. 29-44 (in *Bos* sp.; Manila, P. I., Phrapatoom, Siam).

ITYOGONIMUS. [See above, p. 294.]

filum Looss, 1907, 606-607, figs. 2a-b (in *Talpa europæa*; Leipzig).

LECITHASTER. [See above, p. 295.]

galeatus Looss, 1907, May 14, 607 (in *Mugil auratus*; Egyptian Coast); 1907, 165-166, pl. 15, figs. 73, 74.

stellatus Looss, 1907, May 14, 606-607 (in *Belone acus*, *Mæna vulgaris*; Trieste); 1907, 165, pl. 14, fig. 66, pl. 15, figs. 75, 76 (in *B. a.*, *Dentex vulg.*, *M. v.*).

LECITHOCHIRIUM. [See above, p. 295.]

gravidum Looss, 1907, May 14, 603 (t. h. *Anguilla vulgaris*; also in *Gobius capito*, *Platessa passer*, *Rhombus maximus*; Trieste); 1907, 142, 148-149, pl. 14, figs. 60, 61, 63 (in *A. v.*, *Conger conger*, *Corvina nigra*, *G. c.*, *Hippocampus guttulatus*, *Labrax lupus*, *P. p.*, *R. m.*, *Syngnathus acus*; Trieste).

LECITHOCLADIUM. [See above, p. 296.]

crenatum (Mol., 1859) Looss, 1907, 599 (in *Centrolophus pompilius*), perhaps n. sp.; 1907, 134-135, 169 (in *C. p.*; Trieste).

cristatum (Rud., 1819) Looss, 1907, 598-599 (in *Dactylopterus volitans*; Naples; *Stromateus fiatola*; Rimini, Trieste, Naples); 1907, 133-134, 135, 169, pl. 11, figs. 30, 31, pl. 13, figs. 44, 45 (in *S. f.*; Trieste).

gulosum (Lint., 1901) Looss, 1907, 135 (in *Rhombus* (*Stromateus*, *triacanthus*; Woods Hole, U. S. A.).

LEVINSENIELLA. [See above, p. 299.]

macrophallos (Linst., 1875) Jægers., 1907, 148.

opaca (Ward, 1894) Jægers., 1907, 148.

pellucida Jægers., 1907, 134, 136, 141-144, 147-148, 150, 151, figs 6, 7 (in *Anas boschas fera*, *Fuligula fuligula*; West Coast of Sweden).

propinqua Jægers., 1907, 135-139, 140, 141, 142, 143, 144, 147-148, 150, figs. 1, 2, 3, 4, 5 (in *Charadrius hiaticula*, *Hæmatopus ostralegus*; West Coast of Sweden).

MARITREMA Nicoll, 1907, 246, 265-266 (tod. *gratiosum*).

gratiosum Nicoll, 1907, 247, 248, 265, 266-267, 268, 269 (in *Ægialitis hiaticula*, *Hæmatopus ostralegus*, *Larus ridibundus*, (t. h.) *Pelidna* (*Tringa*) *alpina*; Great Britain).

humile Nicoll, 1907, 247, 266, 268-269 (in *Totanus calidris*; Great Britain).

lepidum Nicoll, 1907, 247, 266, 267-268 (in *Larus argentatus*; Great Britain).

MESOGONIMUS. [See above, p. 302.]

columbæ (Mazzanti, 1889) Mazzanti, 1890, 139.

MICROCOTYLE. [See above, p. 304.]

species Lint., 1905d, 335, 385 (in *Cynoscion regalis*; Beaufort. N. C.).

species Lint., 1905d, 335, 370, pl. 20, figs. 147–150 (in *Pomatomus saltatrix*; Beaufort, N. C.).

species Lint., 1907, 103–104 (in *Calamus calamus*, *Diplodus sargus*; Bermuda).

MICRORCHIS Daday, 1907, 481–482, 495, 526, 527, 528, 529, 530, 531, 533, 534, 535, 536, 538, 539, 540, 542, 545, 550, 552, 566, 567, 579, 580, 581 (type by present designation, on page precedence, megacotyle).

ferrum-equinum (Dies., 1836) Daday, 1907, 484, 485, 487, 488–494, 528, 530, 532, 533, 535, 537, 538, 539, 546, 547, 549, 553, 554, 556, 559, 561, 565, 576, 578, 581, pl. 24, figs. 27–29; pl. 25, figs. 1–6 (syn. *Amphist. ferrum-equinum*) (in *Cataphractus corome*, *C. murica*).

megacotyle (Dies., 1836) Daday, 1907, 482–488, 494, 527, 530, 532, 537, 546, 547, 549, 554, 561, 563, 565, 576, 578, 581, pl. 24, figs. 16–26 (syn. *Amphist. megacotyle*) (in *Silurus palmito*; Mattogrosso).

MONOSTOMUM. [See above, p. 308.]

lophocerca (Fil., 1857) Lebour, 1907, 439, 440, 443–444 (in *Bythinia tentaculata*, *Paludestrina stagnalis*; England).

species Lint, 1907, 118–119, pl. 14, figs. 92–93 (in *Bathystoma striatum*, *Hæmulon flavolineatum*; Bermuda).

species Nicoll, 1907, 247 (in *Larus argentatus*).

species Nicoll, 1907, 247 (in *Oidemia fusca*).

NITYCHIA Nord, 1833b, 384, for *Nitzschia*.**NITYSCHIA** Nord., 1833b, 376, for *Nitzschia*.**OCTOBOTHRUM.** [See above, p. 324.]

melangi Lebour, 1907, 442, for *merlangi*.

species Olss., 1876a, 148 (in *Thymallus vulgaris*).

OPHECONA Looss, 1907, May-14, 616 (tod. *bacillare*).—Poche, 1907, Aug. 20, 103.

bacillare (Mol., 1859) Looss, 1907, May 14, 616.

PACHYTREMA Looss, 1907, 610 (tod. *calculus*).

calculus Looss, 1907, 610–613, figs. 3–4, *Opisthorchiiden* (in *Larus argentatus*, *L. ridibundus*; Trieste).

PARAGOMINUS Daniels & Stanton, 1907, 343, for *Paragonimus*.**PARAGONIMUS.** [See above, p. 335.]

heterophyes (Sieb., 1853) Neveu-Lemaire, 1904a, 73, 88, 89.

PARAPHISTOMUM Daniels & Stanton, 1907, 342, for *Paramphistomum*.**PARORCHIS.** [See above, p. 337.]

acanthus (Nicoll, 1906) Nicoll, 1907, 247 (in *Larus argentatus*, *L. canus*).

PHYLLINE. [See above, p. 338.]

endorfi Par. & Per., 1895, 2, for *hendorfii*.

PHYLLODISTOMUM. [See above, p. 339.]

angulatum Linst., 1907, [2] 202, 1 fig. (in *Lucioperca sandra*; Wolga).

PLACOTREMA Looss, 1907, May 14, 615 (tod. *inversum*).

inversum Looss, 1907, May 14, 615 (in *Chrysophrys aurata*; Trieste).

PLATYNOSUM Looss, 1907, 607 (tod. *semifuscum*).

semifuscum Looss, 1907, 607–608, fig. 3 (in *Circetus* [= *Circaetus*?] *gallicus*; Genoa).

PLERURUS Looss, 1907, May 14, 604–605 (tod. *digitatus*), *Sterrhurinae*, *Hemiruridae*; 1907, 69, 78, 100, 152–153, 154.

digitatus (Looss, 1899) Looss, 1907, 605 (in *Sphryæna vulgaris*; Red Sea, Sawakin); 1907, 69, 152, 153–154, pl. 15, figs. 68, 69.

POLYSTOMA. [See above, p. 350.]

paguri Nord., 1833b, 379, see Bull. Soc. Philom., 1811, no. 44, 271, t. 2.

POLYSTOMIDÆS Mont., 1888a, 89, for *Polystomidæ*.

PRISTISOMUM Looss, 1907, May 14, 615 (tod. pumex).

caducum Looss, 1907, May 14, 615 (in *Umbrina cirrhosa*; loc. not given).—
Poche, 1907, Aug. 20, 103.

pumex Looss, 1907, May 14, 615 (in *Caranx trachurus*; loc. not given).

PSEUDOCYLADORCHIS Daday, 1907, 481 494–495, 526, 527, 528, 529, 530, 532, 533, 534, 536, 537, 541, 547, 549, 550, 552, 553, 554, 561, 565, 566, 567, 576, 580, 581 (type by present designation, on page precedence, *cylindricus*).

cylindricus (Dies., 1836) Daday, 1907, 495–501, 502, 503, 504, 506, 512, 530, 535, 538, 546, 554, 566, 579, pl. 25, figs. 7–16 (in *Cataphracta murica*, *Salmo pacupeba*, S. sp., *Silurus megacephalus*; Villa Maria, Brazil).

macrostomus Daday, 1907, 506–509, 530, 531, 535, 538, 546, 554, 566, pl. 26, figs. 8–12 (in *Salmo pacupa*, S. sp.; loc. South America, same as *Amphist. oxycephalum*).

nephrodorchis Daday, 1907, 501–506, 508, 509, 530, 535, 538, 546, 554, 566, pl. 25, figs. 17–22; pl. 26, figs. 1–7 (in *Salmo pacu*, *S. pacupa*, S. sp.; loc. South America, same as *Amphist. oxycephalum*).

PTYCHOGONIMUS. [See above, p. 357.]

volgensis Linst., 1907, 201 [1] (in *Lucioperca sandra*; Wolga).

SCHISTOSOMUM. [See above, p. 359.]

hæmatobium japonicum (Katsurada, 1904) Verdun, 1907, 290, 311, 313 (syn. of *S. cattoi*).

SCUTARIELLA Mrazek, 1907, 1–6, 1 pl., figs. 1–6 (m. *didactyla*).

didactyla Mrazek, 1907, 1–6, pl. 1, figs. 1–6 (in *Atyaephyra desmarestii*; Moraca-Flusses, Scutarisee bei Plavnic).

SPOROCYSTIS. [See above, p. 362.]

cotti Zschokke, 1884, 6, 11, 56–58, pl. 2, fig. 13 (in *Cottus gobio*).

STERRURHINÆ Looss, 1907, 99, for *Sterrhurinæ*, see p. 364.

STROMYLOTREMA Poche, 1907, Aug. 20, 105, for *Stomylotrema*, see p. 365.

SYNCELUM. [See above, p. 366.]

ragazzii Janicki, 1907, 719, for *ragazzii*.

TRISTOMA. [See above, p. 375.]

inermis Goto, 1899a, 273, see *læve* var. *inermis*.

UDONELLA. [See above, p. 381.]

caligarum Ben., 1858a, 1861a, 12, 13–18, pl. 1, figs. 1–15, for *caligorum*.

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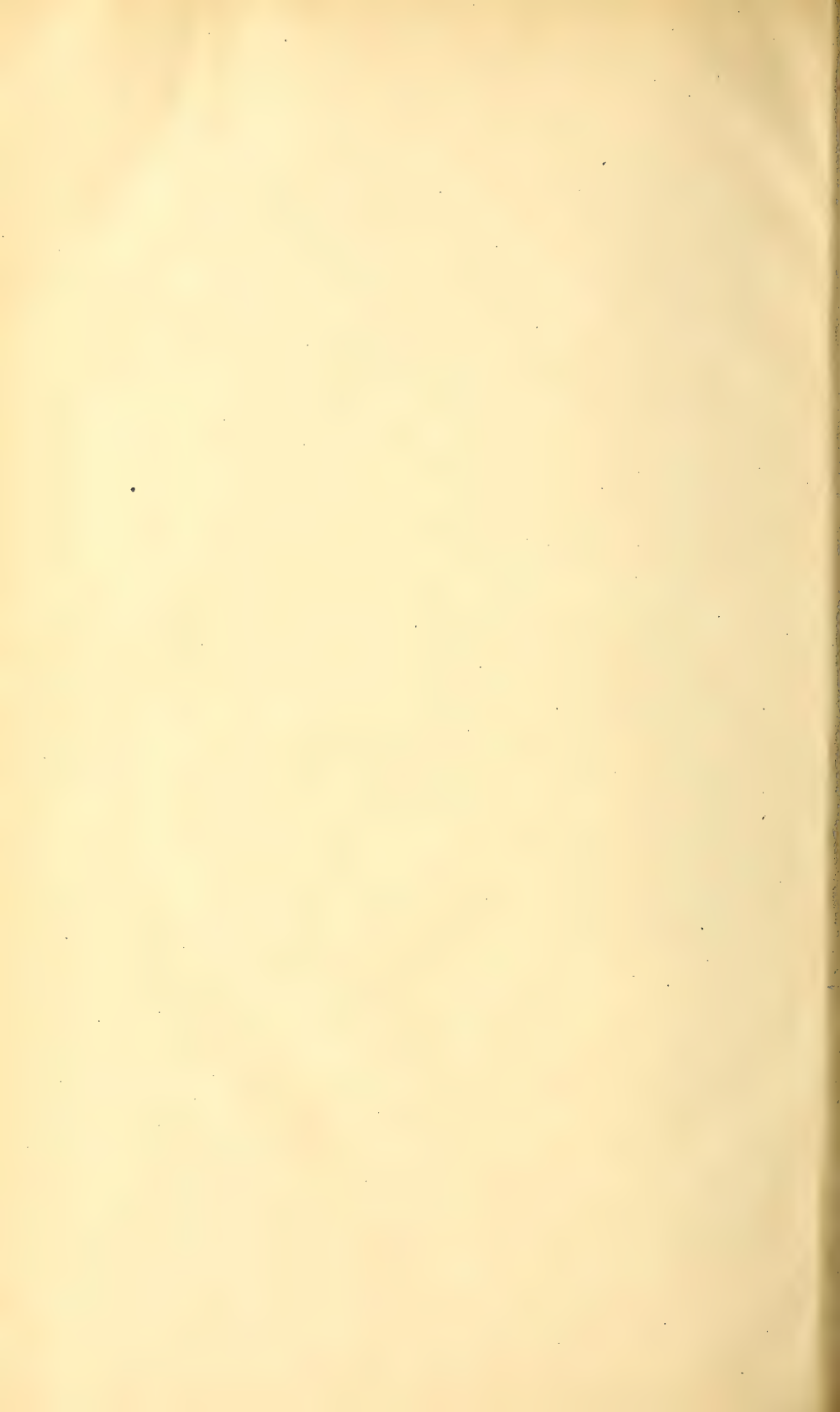
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